Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L16	297	15 and (@ad<"20020226" or @rlad<"20020226")	US-PGPUB; USPAT	OR	ON	2005/11/12 11:45
L15	708	14 and @pd>"20050505"	US-PGPUB; USPAT	OR	ON	2005/11/12 11:44
L14	5470	11 12 13	US-PGPUB; USPAT	OR	ON	2005/11/12 11:44
L13	2033	709/225.ccls.	US-PGPUB; USPAT	OR	ON	2005/11/12 11:44
L12	718	709/207.ccls.	US-PGPUB; USPAT	OR	ON	2005/11/12 11:44
L11	3081	709/206.ccls.	US-PGPUB; USPAT	OR	ON	2005/11/12 11:44
L10	13	9 and (time near2 span)	US-PGPUB; USPAT	OR	ON	2005/11/12 11:44
L9	563	8 and (time near2 predetermined)	US-PGPUB; USPAT	OR	ON	2005/11/12 11:43
L8	749	7 and (time with predetermined)	US-PGPUB; USPAT	OR	ON	2005/11/12 11:43
S59	16984	(rule or criteria or policy or criterion) with (transfer or distribution or download or submission)	US-PGPUB; USPAT	OR	ON	2005/11/12 11:42
L7	1507	L6 same predetermined	US-PGPUB; USPAT	OR	ON	2005/11/12 11:42
L6	16984	(rule or criteria or policy or criterion) with (transfer or distribution or download or submission)	US-PGPUB; USPAT	OR	ON	2005/11/12 11:42
L5	61	4 and ((load or work or workload) with balance)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/12 09:33
L4	1612	3 same (rule with distribution)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/12 09:33
L3	1691978	1 with 2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/12 09:32

L2	9095505	(packet, frame, datagram, message, email, mail, data, information, traffic, content, flow)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/12 09:21
L1	5176810	(transfer, send, sent, deliver, upload, transmit, transmission, distribution, convey)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/12 09:21
S60	50	S58 and S59	US-PGPUB; USPAT	OR	ON	2005/11/11 08:41
S58	721	718/105.ccls.	US-PGPUB; USPAT	OR	ON	2005/11/11 08:40
S57	33	S55 not S56	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 08:24
S56	30	S54 and (rule with time)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 08:24
S55	63	S54 and (rule same time)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 08:24
S54	605	718/105.ccls. and (@ad<"20020226" or @rlad<"20020226")	US-PGPUB; USPAT	OR	ON	2005/11/10 08:23
S53	30	S52 and (rule with time)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 15:54
S52	605	718/105.ccls. and (@ad<"20020226" or @rlad<"20020226")	US-PGPUB; USPAT	OR	ON	2005/11/09 14:54
S51	14	"709".clas. and (probe).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/07 13:29
S50	1191	"709".clas. and (probe)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/07 13:29

S49	106	S48 and time	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/07 13:29
S48	106	S47 and (@ad<"20020226" or @rlad<"20020226")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/07 09:37
S47	141	709/206.ccls. and (load with balanc$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/07 09:21
S12	38	709/207.ccls. and (load with balanc$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/07 09:21

EIC Fast and Focused Search

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File 347:JAPIO Nov 1976-2005/Jul(Updated 051102)
         (c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200572
         (c) 2005  Thomson Derwent

Set     Items   Description
S1    5467844   PACKET? ? OR FRAME? ? OR DATAGRAM? ? OR MESSAGE? ? OR EMAIL
            OR MAIL OR DATA OR INFORMATION OR TRAFFIC OR CONTENT OR FLOW
S2     777890   S1(5N)(TRANSFER???? OR SEND??? OR SENT??? OR DELIVER??? OR
            UPLOAD??? OR TRANSMIT???? OR TRANSMISSION OR DISTRIBUT??? OR -
            CONVEY???)
S3     460886   S1(5N)(FORWARD??? OR DIRECTED OR DIRECTS OR DIRECTING OR R-
            OUTES OR ROUTED OR ROUTING OR DISPATCH??? OR RECEIV??? OR REC-
            EIPT???)
S4    8225046   SERVER? ? OR WEBSERVER? ? OR DEVICE? ? OR DRIVE OR DRIVES -
            OR DISC? ? OR DISK? ? OR STORAGE OR MACHINE? ?
S5    1946956   CLIENT? ? OR PC? ? OR COMPUTER? ? OR NODE? ? OR TERMINAL? ?
            OR WORKSTATION? ? OR WORK()STATION? ?
S6      42358   S2:S3(7N)S4:S5(7N)(DETERMIN? OR ASSESS? OR IDENTIFY??? OR -
            IDENTIFIED OR IDENTIFIES OR IDENTIFICATION OR ASCERTAIN? OR G-
            AUG??? OR EVALUAT? OR MEASUR? OR DISCERN? OR JUDG???)
S7      41376   TIME(2N)(PERIODS OR SPANS OR INTERVALS OR SEGMENTS OR SLIC-
            ES OR SLOTS) OR TIMESPANS OR TIMESLOTS
S8       5296   (MULTIPLE OR MULTIPLICITY OR SEVERAL OR PLURAL? OR DUAL? OR
            VARIOUS OR ANOTHER OR DIFFERENT OR SEPARATE OR SECOND? OR 2ND
            OR TWO OR PAIR OR THREE OR 3 OR THIRD)(3W)S7
S9       4321   (PREDETERMIN? OR PRESET? OR PREESTABLISH? OR PREDEFIN? OR -
            PREARRANGED OR PRESCRIBED OR PRESELECTED)(3W)S7
S10      3956   ((PREVIOUSLY OR PRE)()(DETERMIN? OR SET???? OR ESTABLISH? -
            OR DEFIN? OR ARRANGED OR SELECTED) OR FIXED OR CERTAIN OR GIV-
            EN OR SPECIFIED OR SPECIFIC OR PARTICULAR)(3W)S7
S11       116   S6 AND S8:S10
S12    329605   S1(7N)(TIME OR TIMESTAMP OR TIMECODE)
S13        88   S11 AND S12
S14        47   S13 AND IC=(G06F OR H04L OR H04N OR H04M)
S15        13   S14 AND AC=US/PR AND AY=(1970:2002)/PR
S16        22   S14 AND AC=US AND AY=1970:2002
S17        22   S14 AND AC=US AND AY=(1970:2002)/PR
S18        33   S14 AND PY=1970:2002
S19        37   S15:S18
S20        37   IDPAT (sorted in duplicate/non-duplicate order)
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20/5/14 (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012965158 **Image available**
WPI Acc No: 2000-137009/ **200012**
XRPX Acc No: N00-102423
Method for distributing information to multiple destinations
Patent Assignee: HUMBLE D R (HUMB-I)
Inventor: HUMBLE D R
Number of Countries: 022 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9967730	A1	19991229	WO 99US11931	A	19990528	200012	B
EP 1082680	A1	20010314	EP 99926022	A	19990528	200116	
			WO 99US11931	A	19990528		
CA 2329587	A1	20020627	CA 2329587	A	20001227	200257	N
US 6529940	B1	20030304	US 9887028	P	19980528	200320	
			US 99321770	A	19990527		

Priority Applications (No Type Date): US 9887028 P 19980528; CA 2329587 A 20001227; US 99321770 A 19990527
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9967730	A1	E	29	G06F-017/60	
Designated States (National): JP					
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
EP 1082680	A1	E		G06F-017/60	Based on patent WO 9967730
Designated States (Regional): AT CH DE GB IE LI NL					
CA 2329587	A1	E		H04L-012/16	
US 6529940	B1			G06F-015/16	Provisional application US 9887028

Abstract (Basic): WO 9967730 A1

NOVELTY - In the method a developer creates a message for distribution and uses a system capable of distributing messages to multiple destinations and receiving feedback information from the destinations.

DETAILED DESCRIPTION - The method is used for an in store marketing system. A destination server (18) associated with the in store system (10) receives (130) messages from developers (12) over a distribution network (16). The destination server causes the messages to be displayed (134) by one or more interactive display terminals (22). Individuals can input (136) various feedback information into the **terminals** which indicate the individual's response to the displayed **message** . This feedback **information** is **sent** (152) to the developer's **computer** system, enabling the developer to **evaluate** the feedback information and, if desired, modify and redistribute the message. Prior to distribution, the developer can select (104) multiple destination servers to which the developer wants the message to be distributed, and can also select (110) **multiple time slots** during which the **message** will be displayed by interactive display terminals.

INDEPENDENT CLAIMS are included for:
(1) a system for displaying one or more messages; and
(2) an interactive display terminal.

USE - The method is used by manufacturers and retailers to rapidly deploy marketing messages to stores where their products are sold.

ADVANTAGE - The method provides a drastic reduction in the time it takes to deliver a marketing offer to the customer on the sales floor and measure the results.

DESCRIPTION OF DRAWING(S) - The figure illustrates a simplified block diagram of the marketing system used in the method.

pp; 29 DwgNo 1/5
Title Terms: METHOD; DISTRIBUTE; INFORMATION; MULTIPLE; DESTINATION
Derwent Class: T01

International Patent Class (Main): **G06F-015/16** ; **G06F-017/60** ; **H04L-012/16**
International Patent Class (Additional): **H04L-012/54**
File Segment: EPI

20/5/15 (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012757889 **Image available**
WPI Acc No: 1999-564008/ **199948**
Related WPI Acc No: 1996-224068
XRPX Acc No: N99-416897

Multiplex communication system for collecting information indicating states of vehicle loaded equipment

Patent Assignee: ALPS ELECTRIC CO LTD (ALPS)
Inventor: KAWATA T; MIURA Y; MIZUTA K; SHIBAZAKI K
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
GB 2336278	A	19991013	GB 9521853	A	19951025	199948	B
			GB 9914328	A	19990621		
GB 2336278	B	19991117	GB 9521853	A	19951025	199951	
			GB 9914328	A	19990621		

Priority Applications (No Type Date): JP 951952 A 19950110; JP 94275055 A 19941109
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2336278	A		20	H04L-012/403	Derived from application GB 9521853
GB 2336278	B			H04L-012/403	Derived from application GB 9521853

Abstract (Basic): GB 2336278 A

NOVELTY - The system comprises several node devices connected to a bus line to cyclically receive and transmit message data with each other, and to execute processing of the received data.

DETAILED DESCRIPTION - In the multiplex communication system, operational **data** is **transmitted** to a bus line (21), such that both transmitting and receiving **nodes** can be **identified** without having to append address data to message data. One of the node devices serves as the master node device (M), and this sets the transmission cycle of the message data, that is transmitted onto the bus line, as a cycle of a start pulse that is sent to the bus line. The cycle is set so as not to cause a **time** lag in the **data** processing executed by the respective node devices. Each time interval between the start pulses is divided into **several time slots** . The **slots** are allocated to the individual node devices so that the message data can be transmitted from the respective devices in the associated time slots.

USE - For collecting information indicating states of vehicle loaded equipment, and for controlling the driving of the equipment.

ADVANTAGE - The system performs faster transmission of **message data** without a **time** loss, which further shortens a transmission cycle of message data from the respective node devices. Application of this system to a vehicle loaded equipment enables the prevention of a time lag in the processing of the equipment control.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram illustrating the construction of a multiplex communication system.

Bus line (21)
Master node device (M)
Slave node devices (A,B)
Switches (Sa to Sh)
pp; 20 DwgNo 1/3

Title Terms: MULTIPLEX; COMMUNICATE; SYSTEM; COLLECT; INFORMATION; INDICATE ; STATE; VEHICLE; LOAD; EQUIPMENT

Derwent Class: W01; W05; X22
International Patent Class (Main): **H04L-012/403**
File Segment: EPI

20/5/16 (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011571664 **Image available**
WPI Acc No: 1997-548145/ **199750**
XRPX Acc No: N97-457029
Data communication system - includes terminal **which when** transmits **response** data **in designated** time **area is verified whether response** data **is from** terminal **containing specific** identification **number**
Patent Assignee: AICHI DENSHI KK (AICH-N)
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9266488	A	19971007	JP 9699098	A	19960327	199750 B
JP 3610466	B2	20050112	JP 9699098	A	19960327	200504

Priority Applications (No Type Date): JP 9699098 A 19960327
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9266488	A		9	H04L-012/40	
JP 3610466	B2		10	H04L-012/40	Previous Publ. patent JP 9266488

Abstract (Basic): JP 9266488 A

The system includes a central apparatus to which a request **data** is transmitted by all **terminal** equipments connected to the central apparatus. An **identification** number (K) consisting of natural numbers and which increases for the **terminals** arranged sequentially is assigned to the request **data** . A predetermined **time** is assigned as the **transmission** delay **time** during **data transfer** between the **terminal** and the central apparatus with the **identification** number set to S. A response **data** is **transmitted** after a predetermined **time** .

After the transmission of the request **data** the progress **time** of the **data** is considered as the standard **time** by the central apparatus. The standard time is then divided into **several** intervals and a **time** area is established. If a response **data** transmitted by the terminal equipment is received in the designated **time** area then it is verified whether the **data** belongs to the terminal containing the predetermined identification number.

ADVANTAGE - Shortens time for polling. Improves transmission efficiency.

Dwg.1/6

Title Terms: DATA; COMMUNICATE; SYSTEM; TERMINAL; TRANSMIT; RESPOND; DATA; DESIGNATED; TIME; AREA; VERIFICATION; RESPOND; DATA; TERMINAL; CONTAIN; SPECIFIC; IDENTIFY; NUMBER
Derwent Class: W01
International Patent Class (Main): **H04L-012/40**
File Segment: EPI

20/5/19 (Item 19 from file: 350)
DIALOG(R)File 350:Derwent WPIX

010733214 **Image available**
WPI Acc No: 1996-230169/ **199623**
XRPX Acc No: N96-193298
Data transmission prioritisation method for frequency hopping communication system employing packet fragmentation - assigning to

communication device probability of access to channel, assigning second probability of access when channel is accessed which is retained between dwells, and re-assigning first probability when transmission is complete

Patent Assignee: MOTOROLA INC (MOTI)
Inventor: DEMANGE M G; DOSS W K; VOOK F W
Number of Countries: 002 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5513210	A	19960430	US 94349654	A	19941205	199623	B
TW 334658	A	19980621	TW 95110478	A	19951005	199845	

Priority Applications (No Type Date): US 94349654 A 19941205
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5513210	A		18	H04B-001/713	
TW 334658	A			H04L-029/06	

Abstract (Basic): US 5513210 A

The data transmission method is applicable to a system with several devices (12) in communication with each other, in which data is transmitted on a channel selected from a group of frequencies. Access to the channel is based on a probability of transmission value assigned to the communication **device** . First a **predetermined** number of time **slots** are **determined** at the termination of a **data transmission** . Each **time** slot has a given duration during which fragmented data may be transmitted and each slot has an associated data type. When the data type of a fragment corresponds to that of the time slot, the communication device accesses the channel.

A second probability of transmission value is assigned to the device when it gains channel access and the first probability value is reassigned when the transmission of fragmented data is complete. This step is repeated iteratively, with devices retaining the second probability value between dwells until the transmission is complete. Pref. the first probability of transmission value is less than the second value. In addition, the device transmitting data can be assigned a transmission-in-progress status if a portion of the data has been previously transmitted or a transmission-not-in-progress status if no data has been previously transmitted. At least one of the time slots can then be assigned to transmission-in-progress devices.

ADVANTAGE - Maintains channel access priorities across dwell boundaries. Performs transparent packet fragmentation and reassembly across dwell boundaries.

Dwg.1/10

Title Terms: DATA; TRANSMISSION; METHOD; FREQUENCY; HOP; COMMUNICATE; SYSTEM; EMPLOY; PACKET; FRAGMENT; ASSIGN; COMMUNICATE; DEVICE; PROBABILITY; ACCESS; CHANNEL; ASSIGN; SECOND; PROBABILITY; ACCESS; CHANNEL; ACCESS; RETAIN; DWELL; ASSIGN; FIRST; PROBABILITY; TRANSMISSION; COMPLETE
Index Terms/Additional Words: SPREAD; SPECTRUM; LAN
Derwent Class: W01; W02
International Patent Class (Main): H04B-001/713; **H04L-029/06**
International Patent Class (Additional): **H04L-012/48**
File Segment: EPI

20/5/20 (Item 20 from file: 350)
DIALOG(R)File 350:Derwent WPIX

010642336 **Image available**
WPI Acc No: 1996-139290/ **199614**
Related WPI Acc No: 1990-209537; 1997-258473; 1999-443183; 2001-450763; 2001-456854; 2002-154099
XRPX Acc No: N96-116732
Telecommunication system for conducting number of telephone

communications - has device for transmitting in fixed tine slot signal carrying transmission speech information of first telephonic communication on selected frequency

Patent Assignee: INTERDIGITAL TECHNOLOGY CORP (INTE-N)
Inventor: KAEWELL J D; KURTZ S D
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5495508	A	19960227	US 87123395	A	19871120	199614 B
			US 89438618	A	19891120	
			US 93104322	A	19930809	
			US 94347835	A	19941201	

Priority Applications (No Type Date): US 87123395 A 19871120; US 89438618 A 19891120; US 93104322 A 19930809; US 94347835 A 19941201
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5495508	A		12	H04L-007/00	Cont of application US 87123395 Cont of application US 89438618 Cont of application US 93104322 Cont of patent US 4935927

Abstract (Basic): US 5495508 A

The system includes a primary station contg a device for transmitting synchronisation **information** including the assignment of **time** slots. Each **time** has the same fixed duration, on a selected frequency. A first secondary station has a **device** for **receiving** the synchronisation **information** from the primary station and for **identifying** the assignment of **fixed time slots** for reception of the signal carrying TX speech information and transmission of the signal carrying corresponding RX speech information of the first telephonic communication.

A second secondary station has a **device** for **receiving** the synchronisation **information** from the primary station and for **identifying** the assignment of **fixed time slots** for reception of the signal carrying TX speech information and transmission of the signal carrying corresponding RX speech information of the second duplex telephonic communication.

USE/ADVANTAGE - In wireless technology for long distant calls. Provision for effective simulation of base for substitution for actual base station in certain situations. Can be used for several subscribers while operating on single frequency.

Dwg.11/15

Title Terms: TELECOMMUNICATION; SYSTEM; CONDUCTING; NUMBER; TELEPHONE; COMMUNICATE; DEVICE; TRANSMIT; FIX; TINE; SLOT; SIGNAL; CARRY; TRANSMISSION; SPEECH; INFORMATION; FIRST; TELEPHONE; COMMUNICATE; SELECT; FREQUENCY
Derwent Class: W01; W02
International Patent Class (Main): **H04L-007/00**
File Segment: EPI

20/5/21 (Item 21 from file: 350)

DIALOG(R)File 350:Derwent WPIX

010465247 **Image available**
WPI Acc No: 1995-366566/ **199547**
XRPX Acc No: N95-271242

Time **division** data **communication signal transmission - transmitting in** predetermined time slots **with specific slot reserved for transmitting** frame **synchronisation bit**

Patent Assignee: NOKIA TELECOM OY (OYNO)
Inventor: PAAVOLA A
Number of Countries: 008 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9528039	A2	19951019	WO 95FI194	A	19950410	199547	B
FI 9401661	A	19951012	FI 941661	A	19940411	199601	
FI 95982	B	19951229	FI 941661	A	19940411	199605	
AU 9522173	A	19951030	AU 9522173	A	19950410	199606	
WO 9528039	A3	19951123	WO 95FI194	A	19950410	199621	
EP 755593	A1	19970129	EP 95915214	A	19950410	199710	
			WO 95FI194	A	19950410		

Priority Applications (No Type Date): FI 941661 A 19940411
Cited Patents: DE 3217584; EP 315130; EP 396403; US 5025442; US 5107495
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9528039	A2	E	11	H04B-000/00	
FI 95982	B			H04L-007/04	Previous Publ. patent FI 9401661
AU 9522173	A			H04J-003/06	Based on patent WO 9528039
EP 755593	A1	E	11	H04J-003/00	Based on patent WO 9528039
Designated States (Regional): CH DE FR GB LI SE					
FI 9401661	A			H04L-007/04	
WO 9528039	A3			H04B-000/00	

Abstract (Basic): WO 9528039 A

The method of transmitting a TDM signal involves using a frame identifier (S1-S4) which is transmitted in the synchronising byte (D). A CRC bit for error detection is transmitted in the synchronisation byte to the receiver. A bit (RXF) describing the state of the frame to be received is transmitted in the synchronisation byte. A bit (CH1,CH2) for remote control of the network terminal is transmitted in the synchronisation byte.

The synchronisation byte forms an entity which **identifies** the **frame** (A) to be transmitted and simultaneously **transfers information** for error detection, **information** on the state of the **received frame** as well as **information** for remote control of the **terminal** to the receiving **terminal** .

USE/ADVANTAGE - **Time** division **data** communication. Includes sync bit or byte and uses it to determine signal quality. Can include remote control channels. Rapid monitoring function.

Dwg.1/2

Title Terms: TIME; DIVIDE; DATA; COMMUNICATE; SIGNAL; TRANSMISSION; TRANSMIT; PREDETERMINED; TIME; SLOT; SPECIFIC; SLOT; RESERVE; TRANSMIT; FRAME; SYNCHRONISATION; BIT
Derwent Class: W01; W02
International Patent Class (Main): H04B-000/00; H04J-003/00; **H04J-003/06** ; **H04L-007/04**
File Segment: EPI

20/5/23 (Item 23 from file: 350)
DIALOG(R)File 350:Derwent WPIX

009797059 **Image available**
WPI Acc No: 1994-076912/ **199410**
XRPX Acc No: N94-060131

Cellular mobile radio system operable w.r.t. packet reservation multiple access protocol - designates at least one time slot per frame for transmission of access contention data, including reserved field for data specifying number of slots required by mobile unit

Patent Assignee: ROKE MANOR RES LTD (ROKE-N)
Inventor: DEVILE J M; DEVILLE J M
Number of Countries: 007 Number of Patents: 008
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
GB 2270815	A	19940323	GB 9219824	A	19920918	199410	B

EP 587980	A2	19940323	EP 93105567	A	19930403	199412
FI 9304088	A	19940319	FI 934088	A	19930917	199422
EP 587980	A3	19950405	EP 93105567	A	19930403	199544
GB 2270815	B	19960508	GB 9219824	A	19920918	199622
EP 587980	B1	20000621	EP 93105567	A	19930403	200033
DE 69328892	E	20000727	DE 628892	A	19930403	200042
			EP 93105567	A	19930403	
ES 2148192	T3	20001016	EP 93105567	A	19930403	200058

Priority Applications (No Type Date): GB 9219824 A 19920918
Cited Patents: 4.Jnl.Ref; CA 2060428
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2270815	A		24	H04Q-007/04	
EP 587980	A2	E	9	H04L-012/56	
Designated States (Regional): DE ES FR GB IT SE					
FI 9304088	A			H04B-007/26	
EP 587980	A3			H04Q-007/04	
GB 2270815	B		1	H04Q-007/38	
EP 587980	B1	E		H04L-012/56	
Designated States (Regional): DE ES FR GB IT SE					
DE 69328892	E			H04L-012/56	Based on patent EP 587980
ES 2148192	T3			H04L-012/56	Based on patent EP 587980

Abstract (Basic): GB 2270815 A

The cellular mobile radio system is arranged to operate in accordance with a **packet** reservation multiple access protocol. At least one **time** slot in each **frame** is designated for the transmission of access contention data, which includes a field reserved for data specifying a number of information slots required by a mobile unit. A base station is adapted for operation such that after receipt of data in the reserved field, it allocates available slots to suit the requirements of the mobile unit.

The base station transmits timing **information** derived w.r.t. the **time** of arrival of the **data** , and which is used by the mobile unit to adjust the timing of the next transmission burst of data, so that the burst fits into an appropriate designated slot to compensate for the effects of propagation delays.

USE/ADVANTAGE - E.g. for video link. Part of available channel capacity may be reserved on demand for transmission of additional data.

Dwg.5/5

Title Terms: CELLULAR; MOBILE; RADIO; SYSTEM; OPERATE; PACKET; RESERVE; MULTIPLE; ACCESS; PROTOCOL; DESIGNATED; ONE; TIME; SLOT; PER; FRAME; TRANSMISSION; ACCESS; CONTENTION; DATA; RESERVE; FIELD; DATA; SPECIFIED; NUMBER; SLOT; REQUIRE; MOBILE; UNIT
Index Terms/Additional Words: PRMA
Derwent Class: W01; W02
International Patent Class (Main): H04B-007/26; **H04L-012/56** ; H04Q-007/04; H04Q-007/38
International Patent Class (Additional): H04B-007/212; H04Q-007/20; H04Q-007/22
File Segment: EPI

20/5/24 (Item 24 from file: 350)
DIALOG(R)File 350:Derwent WPIX

009534063 **Image available**
WPI Acc No: 1993-227604/ **199328**
XRPX Acc No: N93-174670
Interconnecting data terminals through switched digital network - using inverse multiplexing to split high bandwidth stream into multiple signals for transmission over separate narrow bandwidth channels
Patent Assignee: NETWORK EXPRESS (NETW-N); NETWORK EXPRESS INC (NETW-N)

Inventor: BUTLER T; CARSON D J; DEVRIES P A; ILIEV S
Number of Countries: 030 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9313609	A1	19930708	WO 92US11044	A	19921222	199328	B
AU 9334162	A	19930728	AU 9334162	A	19921222	199347	
JP 7504071	W	19950427	WO 92US11044	A	19921222	199525	
			JP 93511812	A	19921222		
US 5459720	A	19951017	US 91813127	A	19911223	199547	
			US 94220951	A	19940331		

Priority Applications (No Type Date): US 91813127 A 19911223; US 94220951 A 19940331
Cited Patents: US 4547880; US 4823124; US 4885738; US 4888765; US 4899334; US 4899337; US 4991172; US 5005170; US 5068877
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9313609	A1	E	76	H04J-003/16	
Designated States (National): AU BG BR CA CS FI GB JP KP KR NO PL RO RU US					
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE					
AU 9334162	A			H04J-003/16	Based on patent WO 9313609
JP 7504071	W		1	H04L-012/66	Based on patent WO 9313609
US 5459720	A		18	H04L-012/56	Cont of application US 91813127

Abstract (Basic): WO 9313609 A

Packets of digital data information are received from a calling user terminal as a high bandwidth information stream (204) and split into multiple narrow band signals

A communication connection (64,65,66,67) having **several time slots** is established between the transmitter and receiving user **terminal** . Available **time** slots are **identified** for **transmission** of the **data packets** .

Sequencing and **routing information** is appended to each **data** packet to identify the **receiving** user **terminal** . Each **packet** is **transmitted** in an available **time** slot over the established communication connection.

The packets have a preselected sequence representing a correct message.

USE/ADVANTAGE - Interconnection of PC LANs over PSDN systems. Provides global interconnection. Low bandwidth allocation minimises communication costs. Provides software management on call-by-call basis.

Dwg.7/16

Title Terms: INTERCONNECT; DATA; TERMINAL; THROUGH; SWITCH; DIGITAL; NETWORK; INVERSE; MULTIPLEX; SPLIT; HIGH; BANDWIDTH; STREAM; MULTIPLE; SIGNAL; TRANSMISSION; SEPARATE; NARROW; BANDWIDTH; CHANNEL
Derwent Class: T01; W01
International Patent Class (Main): H04J-003/16; **H04L-012/56** ; **H04L-012/66**

International Patent Class (Additional): **H04L-012/28** ; **H04L-012/40** ; **H04L-012/46** ; H04Q-011/04
File Segment: EPI

20/5/25 (Item 25 from file: 350)
DIALOG(R)File 350:Derwent WPIX

009423595 **Image available**
WPI Acc No: 1993-117111/ **199314**
XRPX Acc No: N93-089293
Access assignment in DAMA communication system - processes stored requests using priority constraints, identifying transmission parameters

of messages **and selecting** messages **for** time **slot**
Patent Assignee: TITAN CORP (TITA-N)
Inventor: BEAN D R; ENGEL G M; SMITH E F
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5197125	A	19930323	US 90629668	A	19901218	199314	B

Priority Applications (No Type Date): US 90629668 A 19901218
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5197125	A		12	G06F-013/14	

Abstract (Basic): US 5197125 A

The system includes appts. for storing message-access requests from different given user **terminals** ; appts. for processing the stored message-access requests to schedule the **identified messages** for **transmission** in accordance with predetermined priority constraints, in accordance with information contained in the message-access requests identifying transmission parameters of the respective identified messages and in accordance with the number of available time slots to thereby select a set of the respective **messages** for access-assignment to the available **time** slots.

Appts. processes the message-access requests for the selected set of messages to assign access to **different** combinations of the **time slots** for respectively transmitting the different **messages** of the selected set of messages. Since the set of message requests that are ultimately processed to assign access to the time slots are first selected in accordance with predetermined priority constraints, the final access-assignment processing usually can be accomplished without having to backtrack to satisfy priority constraints.

USE/ADVANTAGE - For large network of user terminals. Prevents delays in scheduling.

Dwg.1/4

Title Terms: ACCESS; ASSIGN; DAMA; COMMUNICATE; SYSTEM; PROCESS; STORAGE; REQUEST; PRIORITY; CONSTRAIN; IDENTIFY; TRANSMISSION; PARAMETER; MESSAGE; SELECT; MESSAGE; TIME; SLOT
Index Terms/Additional Words: ACCESS; ASSIGN; DAMA; COMMUNICATE; SY
Derwent Class: T01
International Patent Class (Main): **G06F-013/14**
File Segment: EPI

20/5/26 (Item 26 from file: 350)
DIALOG(R)File 350:Derwent WPIX

009316990 **Image available**
WPI Acc No: 1993-010454/ **199302**
XRPX Acc No: N93-007872
Synchronising communication networks of time multiplex type - using individual networks with nodes **for cyclic** transmission **of** time frames **including** time **slots for** data **with rate** determined **by adding fixed idle patterns**
Patent Assignee: TELEFONAKTIEBOLAGET ERICSSON L M (TELF); ELLEMTEL UTVECKLINGS AB (TELF)
Inventor: BOHM C; GAUFFIN L; HAKANSSON L; LINDGREN P; HAEKANSSON L
Number of Countries: 006 Number of Patents: 008
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 522607	A1	19930113	EP 92201322	A	19920511	199302	B
SE 9101635	A	19921130	SE 911635	A	19910529	199304	
SE 468495	B	19930125	SE 911635	A	19910529	199306	
JP 6169495	A	19940614	JP 92139208	A	19920529	199428	
US 5517499	A	19960514	US 92889358	A	19920528	199625	N

			US 94217020	A	19940324	
EP 522607	B1	19960626	EP 92201322	A	19920511	199630
DE 69211781	E	19960801	DE 611781	A	19920511	199636
			EP 92201322	A	19920511	
JP 3247146	B2	20020115	JP 92139208	A	19920529	200206

Priority Applications (No Type Date): SE 911635 A 19910529; US 94217020 A 19940324
Cited Patents: DE 2015239; DE 2130721; DE 2254371; US 2326746; US 2382997; EP 374883; EP 409539; GB 2230679
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 522607	A1	E	8	H04L-012/46	
Designated States (Regional): DE FR GB					
SE 9101635	A			H04L-012/46	
SE 468495	B			H04L-012/46	
JP 6169495	A		6	H04Q-011/04	
US 5517499	A		7	H04L-007/04	Cont of application US 92889358
EP 522607	B1	E	9	H04L-012/46	
Designated States (Regional): DE FR GB					
DE 69211781	E			H04L-012/46	Based on patent EP 522607
JP 3247146	B2		6	H04Q-011/04	Previous Publ. patent JP 6169495

Abstract (Basic): EP 522607 A

The cutting appts. for moving fabric piecegoods, especially tubular fabrics, has a stationary housing holding a cutting element. There is an additional fine fabric guide directly in front of the cutter, controlled by a cutting line monitor. The fabric guide has an elastic holding and guide system, acting on both sides of the fabric, using rollers or belts with adjustment forwards and backwards pref. by sliding and/or angular shifts. The cutting line monitor is between the fabric guide and cutter, in the direction of fabric travel, as an opto-electric sensor with a monitoring zone across the line of travel, with a receiver and a transmitter on both sides of the fabric. A setting motor, pref. with reverse rotation, has a signal carrier connection at least to the cutting line monitor, and is coupled to the setting units for the guide and holding unit.

ADVANTAGE - The mechanism gives an accurate cutting line through the fabric, when the material travels at high speed through the cutting appts.

Dwg.0/3

Title Terms: SYNCHRONISATION; COMMUNICATE; NETWORK; TIME; MULTIPLEX; TYPE; INDIVIDUAL; NETWORK; NODE; CYCLIC; TRANSMISSION; TIME; FRAME; TIME; SLOT; DATA; RATE; DETERMINE; ADD; FIX; IDLE; PATTERN
Derwent Class: W01
International Patent Class (Main): **H04L-007/04** ; **H04L-012/46** ; H04Q-011/04
International Patent Class (Additional): H04J-003/06; **H04L-007/00**
File Segment: EPI

20/5/27 (Item 27 from file: 350)
DIALOG(R)File 350:Derwent WPIX

009056568 **Image available**
WPI Acc No: 1992-183960/ **199222**
XRPX Acc No: N92-138805
Telephone system architecture controlling multiple handset radio system - has dynamic time slicing with information identifying sending **and** receiving devices **for each** frame **held in page of memory which is changed to reconfigure time slice configuration**
Patent Assignee: ROSE COMMUNICATIONS INC (ROSE-N)
Inventor: CHILDS-GOODRICH W E; FREY R C; NEEDLE D L; PIERCE G; WILDER R P; PIRRCE G; WILDER R

Number of Countries: 004 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9208328	A1	19920514	WO 91US8025	A	19911030	199222	B
US 5128928	A	19920707	US 90609000	A	19901031	199230	
GB 2265794	A	19931006	WO 91US8025	A	19911030	199340	
			GB 938919	A	19930429		
US 5260941	A	19931109	US 90609000	A	19901031	199346	
			US 92890720	A	19920529		
DE 4192652	T	19931118	DE 4192652	A	19911030	199347	
			WO 91US8025	A	19911030		
JP 6505838	W	19940630	WO 91US8025	A	19911030	199430	
			JP 92500041	A	19911030		

Priority Applications (No Type Date): US 90609000 A 19901031; US 92890720 A 19920529
Cited Patents: US 4268722; US 5022024
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9208328	A1	E	39	H04Q-011/04	
Designated States (National): DE GB JP					
US 5128928	A		22	H04Q-011/04	
GB 2265794	A		1	H04Q-007/04	Based on patent WO 9208328
US 5260941	A		31	H04L-005/22	Cont of application US 90609000 Cont of patent US 5128928
DE 4192652	T		39	H04Q-011/04	Based on patent WO 9208328
JP 6505838	W		15	H04M-003/56	Based on patent WO 9208328

Abstract (Basic): WO 9208328 A
The radio frequency interface transceiver, controlled by an RF processor, transmits voice and command data between the radio handset and the central control unit. A time slice bus and controller interconnect the external telephone interface and RF interface (335-350).
A main processor writes **time** slice **information** identifying the source and destination devices for each **time** slice slot within a **frame** into one of two pages in a dual port memory. The time slice configuration is modified by updating the second page and swapping the two pages at the beginning of the next frame.
USE/ADVANTAGE - Radio frequency interface transceiver supports multiple cordless handsets with little system overhead. Updated and controlled in real time with no delays to users.
Dwg.4/18
Title Terms: TELEPHONE; SYSTEM; ARCHITECTURE; CONTROL; MULTIPLE; HANDSET; RADIO; SYSTEM; DYNAMIC; TIME; SLICE; INFORMATION; IDENTIFY; SEND; RECEIVE ; DEVICE; FRAME; HELD; PAGE; MEMORY; CHANGE; RECONFIGURE; TIME; SLICE; CONFIGURATION
Derwent Class: W01; W02
International Patent Class (Main): **H04L-005/22** ; **H04M-003/56** ; H04Q-007/04; H04Q-011/04
International Patent Class (Additional): H04J-003/06; H04J-003/16; H04J-003/24; H04R-003/00
File Segment: EPI

20/5/29 (Item 29 from file: 350)
DIALOG(R)File 350:Derwent WPIX

007417387 **Image available**
WPI Acc No: 1988-051322/ **198808**
XRPX Acc No: N88-038966
Packet-switched communication network for switching non-burst signals - extracts signal from message packet **according to** time **slot in control** packet **and applies it to terminal identified by destination**

address
Patent Assignee: NCR CORP (NATC); NEC CORP (NIDE)
Inventor: SHIMIZU H
Number of Countries: 006 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 256526	A	19880224	EP 87111761	A	19870813	198808	B
JP 63046837	A	19880227	JP 86189528	A	19860814	198814	
US 4815071	A	19890321	US 8785574	A	19870814	198914	
CA 1282483	C	19910402				199118	
EP 256526	B1	19940323	EP 87111761	A	19870813	199412	
DE 3789408	G	19940428	DE 3789408	A	19870813	199418	
			EP 87111761	A	19870813		

Priority Applications (No Type Date): JP 86189528 A 19860814
Cited Patents: 2.Jnl.Ref; A3...9021; No-SR.Pub; US 4553234
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 256526	A	E	18		
Designated States (Regional): DE FR GB					
US 4815071	A		16		
EP 256526	B1	E	20	H04L-012/56	
Designated States (Regional): DE FR GB					
DE 3789408	G			H04L-012/56	Based on patent EP 256526

Abstract (Basic): EP 256526 A

Stations are interconnected by a transmission medium and each station services a number of user terminals. A unique address and first and secnod time slot numbers are communicated from a source station to one or more destination stations. The combination of the unique address and first time slot number identifies a circuit-switched call from a source terminal of the source station to a destination terminal. The combination unique address and second time slot number identifies a second circuit-switched call from a second source terminal of the source station to a second destination terminal. The destination terminals are serviced by the one or more destination stations.

Two circuit-switched signals are transmitted from the first and second source user terminals respectively on first and **second time slots** of a single **packet** along the unique address. This is from the source station to the transmission medium to allow the one or more destination stations to extract the first and second circuit-switched signals from the slots in accordance with the time slot numbers. The extracted signals are applied to the first and second destination terminals when the unique address in the packet coincides with the previously communicated unique address.

ADVANTAGE - Non-burst signals efficiently switched between multiple node stations

Title Terms: PACKET; SWITCH; COMMUNICATE; NETWORK; SWITCH; NON; BURST; SIGNAL; EXTRACT; SIGNAL; MESSAGE; PACKET; ACCORD; TIME; SLOT; CONTROL; PACKET; APPLY; TERMINAL; IDENTIFY; DESTINATION; ADDRESS
Derwent Class: W01
International Patent Class (Main): **H04L-012/56**
International Patent Class (Additional): **H04L-011/20** ; **H04L-012/28** ; **H04L-012/54** ; H04Q-011/04
File Segment: EPI

20/5/30 (Item 30 from file: 350)
DIALOG(R)File 350:Derwent WPIX

007196032
WPI Acc No: 1987-193041/ **198728**
XRPX Acc No: N87-144592
Time division multiplexing communication system - has terminal devices

performing data transmission using communication frame circulating transmission line

Patent Assignee: HITACHI LTD (HITA)
Inventor: HIYAMA K; TAKAHASHI Y
Number of Countries: 005 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 228629	A	19870715	EP 86117201	A	19861210	198728	B
JP 62146041	A	19870630	JP 85288191	A	19851220	198731	
US 4792944	A	19881220	US 86941839	A	19861215	198902	
EP 228629	B1	19931006	EP 86117201	A	19861210	199340	
DE 3689146	G	19931111	DE 3689146	A	19861210	199346	
			EP 86117201	A	19861210		

Priority Applications (No Type Date): JP 85288191 A 19851220
Cited Patents: 3.Jnl.Ref; A3...8848; DE 3028075; JP 58133066; JP 58159035; No-SR.Pub; US 4002846; WO 8300412
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 228629	A	E	23		
Designated States (Regional): DE FR GB					
US 4792944	A		10		
EP 228629	B1	E	13	H04J-003/16	
Designated States (Regional): DE FR GB					
DE 3689146	G			H04J-003/16	Based on patent EP 228629

Abstract (Basic): EP 228629 A

The communication system has terminal devices connected through node devices to a loop transmission line (1). They perform data transmission/reception in a TDM manner by using a communication frame with sub- **frames** . Each sub-frame has **several time slots** . Each node has a register and counter (18,19) for storing a parameter for specifying sub- **frame** (s) alloted to the node. A **time** slot register (20) stores a second parameter for specifying **time** slot(s) of one sub- **frame** . A third circuit (12) receives the frame from the line. A fourth circuit (21,22) identifies a time slot corresponding to the second parameter in a sub-frame corresponding to the first parameter in the frame received by the third circuit.

A fifth circuit (23,25,30,31,32) extracts **data** of the slot **identified** and **transfers** the **data** to the **terminal device** connected to the **node** . A sixth circuit (28,27,24,11) inserts **data** into the **time** slot and **sends** the **frame** onto the line.

ADVANTAGE - High speed data terminals and low speed data terminals can exist together with each other. Circuit channels can be efficiently alloted to the low speed data terminals.

4/5

Title Terms: TIME; DIVIDE; MULTIPLEX; COMMUNICATE; SYSTEM; TERMINAL; DEVICE ; PERFORMANCE; DATA; TRANSMISSION; COMMUNICATE; FRAME; CIRCULATE; TRANSMISSION; LINE
Index Terms/Additional Words: TDM; LOOP; RING
Derwent Class: W01; W02
International Patent Class (Main): H04J-003/16
International Patent Class (Additional): H04J-003/08; **H04L-011/16** ; **H04L-012/42** ; H04Q-011/04
File Segment: EPI

20/5/32 (Item 32 from file: 350)
DIALOG(R)File 350:Derwent WPIX

004396573
WPI Acc No: 1985-223451/ **198536**
XRPX Acc No: N85-167768
Multi-priority data communication system - allocates station use of

communication medium as function of priority of packet to be transmitted
Patent Assignee: ROSEMOUNT INC (ROEC)
Inventor: OLSON G H; QUY D A
Number of Countries: 012 Number of Patents: 010
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 8503826	A	19850829				198536 B
US 4570257	A	19860211	US 84580007	A	19840214	198609
EP 172884	A	19860305	EP 85901216	A	19850213	198610
US 4581734	A	19860408	US 84580006	A	19840214	198617
JP 61501242	W	19860619	JP 85501012	A	19850213	198631
US 4677612	A	19870630				198728
CA 1231185	A	19880105				198805
CA 1246196	A	19881206				198902
EP 172884	B	19900926				199039
DE 3579874	G	19901031				199045

Priority Applications (No Type Date): US 84580070 A 19840214; US 84580006 A 19840214; US 84580007 A 19840214
Cited Patents: US 3757301; US 4168400; US 4229792; US 4295122; US 4313196; US 4317195; US 4320502; US 4359731; US 4373183; US 4379294; US 4395710; US 4451881; US 4459588; US 4470110; US 4494113; US 4500987
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 8503826	A	E	48		
Designated States (National): JP					
Designated States (Regional): AT BE CH DE FR GB LI NL SE					
EP 172884	A	E			
Designated States (Regional): DE FR GB NL SE					
EP 172884	B				
Designated States (Regional): DE FR GB NL SE					

Abstract (Basic): WO 8503826 A
The system allocates use of a common communications medium (14) for carrying packets of information of different priorities among a number of stations (12A-12D). Each station has a receiver for packets transmitted onto the communication medium. A detector provides a detected signal as a function of activity on the communication medium. A timer provides a transmit enable signal as a function of the priority of the packet, which allows a transmitter to transmit a packet onto the medium. Each packet type is assigned to one of a number of priority levels. Each level has a communication medium access protocol consistent with the packet type assigned to the level. The preferred access protocol provides a **different** set of **time** slots spaced in **time** from the end of the last **packet** .
One priority level uses a dedicated time slot, while another level uses a rotation queue protocol such as BRAM to assign time slots within the set corresponding to that priority level.
USE/ADVANTAGE - Chemical, manufacturing or other industrial processes. Prevents any station from monopolising medium while other stations have higher priority packets
Title Terms: MULTI; PRIORITY; DATA; COMMUNICATE; SYSTEM; ALLOCATE; STATION; COMMUNICATE; MEDIUM; FUNCTION; PRIORITY; PACKET; TRANSMIT
Derwent Class: T01; W01; W02
International Patent Class (Additional): **G06F-013/37** ; H04J-003/00; **H04L-012/28** ; H04Q-001/20
File Segment: EPI

20/5/33 (Item 33 from file: 350)
DIALOG(R)File 350:Derwent WPIX

003931259
WPI Acc No: 1984-076803/ **198413**
XRPX Acc No: N84-057346

Channel switching time control adjustment - involves operation of identification algorithm by communication, and controlling time delay

Patent Assignee: FUJITSU LTD (FUIT)
Inventor: AMEMIYA S; MURANO K; SOEJIMA T
Number of Countries: 005 Number of Patents: 007
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 3333379	A	19840322	DE 3333379	A	19830915	198413	B
JP 59054347	A	19840329	JP 82165579	A	19820922	198419	
GB 2130847	A	19840606	GB 8325280	A	19830921	198423	
GB 2130847	B	19851030				198544	
US 4562573	A	19851231	US 83533968	A	19830920	198604	
CA 1212737	A	19861014				198646	
DE 3333379	C	19870604				198722	

Priority Applications (No Type Date): JP 82165579 A 19820922
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3333379	A		40		

Abstract (Basic): GB 2130847 A

A communications system, employing time division multiplexing, comprising a network termination unit connected to supply information signals to a succession of user terminals by way of a first common line and to receive information signals from those terminals by way of a second common line, the information signals supplied by way of the first common line being made up of a series of frmae signals containing each a frame synchronisation signal and a plurality of channels occupying **different** respective **time - intervals** allocated individually to the different user terminals which operate, on the basis of respective predetermined **time** relationships with the **frame** synchronisation signal, to accept respectively from the said first common line the information signals contained in the individual allocated channels and to transmit information signals into the said second common line during respective transmission periods that are substantially equal in duration to the individual allocated channels, characterised by means whereby each of the user **terminals** can ascertain and bring into effect, prior to such **transmission** of **information** signals into the second common line, a **time** delay of its transmission period relative to the time of reception of its individual allocated channel such that overlap between respective transmissions arrivingat the network termination unit from the different user terminals is avoided.

DE 3333379 A

The communication system has a number of terminal stations coupled by a bus connection to a network terminal unit via a common receiver and transmit line respectively. The lines serve for transmitting sequential frame signal, each frame signal on the receive line comprising a frame synchronising signal, and each frame signal on both lines is a combination from multiple successive channels.

The terminal station receives an information signal with each frame signal on the receive line under a clock pulse control corresponding to an allocated channel, the information signal being transmitted from the network end unit. Each terminal station transmits to end station over the transmit line a **frame** signal for **time** control over the allocated channel, in relation to the just received frame synchronisation signal. Prior to the actual communication an intelligent identification algorithm is carried out for a suitable delay time.

0/13

Title Terms: CHANNEL; SWITCH; TIME; CONTROL; ADJUST; OPERATE; IDENTIFY; ALGORITHM; COMMUNICATE; CONTROL; TIME; DELAY
Index Terms/Additional Words: DIGITAL; NETWORK
Derwent Class: W01; W02
International Patent Class (Additional): H04J-003/00; **H04L-005/22** ;

H04L-007/10 ; H04L-011/00 ; H04L-025/02
File Segment: EPI

20/5/34 (Item 34 from file: 347)
DIALOG(R)File 347:JAPIO

06570925
PACKET-SWITCHING STATION AND PACKET-SWITCHING NETWORK SYSTEM

PUB. NO.: 2000-156707 [JP 2000156707 A]
PUBLISHED: June 06, 2000 (**20000606**)
INVENTOR(s): TSUKAGOSHI MAKOTO
APPLICANT(s): NEC CORP
APPL. NO.: 10-329917 [JP 98329917]
FILED: November 19, 1998 (19981119)
INTL CLASS: **H04L-012/56 ; H04L-029/08 ; H04L-029/14**

ABSTRACT

PROBLEM TO BE SOLVED: To shorten time for restablishment of connection by transmitting a monitoring packet to an opposite side station when no **data** transfer is executed for specified **time** , deciding the propriety of reception within a fixed **time** , deleting discrimination **information** when no monitoring **packet** is received for the specified **time** and scrapping the **packet** , when the received **packet** does not agree with the stored connection discrimination **information** by the **transmitted** monitoring **packet** .
SOLUTION: Regarding **transmission** and reception of the monitoring **packet** , monitoring **packets** are **transmitted** in at fixed time intervals by both of a **client** station and a **server** station, when no **data** is **transmitted** or **received** for specified time, after the connection is established between the **client** station and the **server** station. The time until the monitoring **packets** are received is **measured** , a fault is recognized have generated in the connection, when the monitoring packet transmitted from the opposite station cannot be received even after the specified time elapses, and a connect number attached to the connection in which the fault is generated is deleted from a memory by both the client station and the server station.

20/5/37 (Item 37 from file: 347)
DIALOG(R)File 347:JAPIO

01653940 **Image available**
DATA TRANSMISSION SYSTEM

PUB. NO.: 60-132440 [JP 60132440 A]
PUBLISHED: July 15, 1985 (**19850715**)
INVENTOR(s): KITO YOSHIRO
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 58-241199 [JP 83241199]
FILED: December 21, 1983 (19831221)
INTL CLASS: [4] **H04L-011/00 ; H04L-011/00**
JAPIO CLASS: 44.3 (COMMUNICATION -- Telegraphy)
JOURNAL: Section: E, Section No. 359, Vol. 09, No. 291, Pg. 151, November 19, 1985 (19851119)

ABSTRACT

PURPOSE: To avoid the collisions of data for a system where data are

transmitted via the same transmission line by setting different prescribed periods to each terminal.

CONSTITUTION: In case the signal on a transmission line 1 keeps a prescribed level for a set prescribed period of time or longer, an idle state is **judged** to start the **transmission** of **data** . In such a **data transmission** system, the **different prescribed periods** of **time** are set to each **terminal** . The detection circuits DET1-DETn judge an idle state of the line 1 unless the line 1 is set at a low level before the lapse of times t(sub 1)-t(sub n) set to each terminal in case the transmission requests are delivered from transmission circuits TX1-TXn. Then switching circuits SW1-SW2 are changed to make contacts 1m-nm respectively.

File 348:EUROPEAN PATENTS 1978-2005/Oct W04
(c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20051103,UT=20051027
(c) 2005 WIPO/Univentio

Set	Items	Description
S1	1415818	PACKET? ? OR FRAME? ? OR DATAGRAM? ? OR MESSAGE? ? OR EMAIL OR MAIL OR DATA OR INFORMATION OR TRAFFIC OR CONTENT OR FLOW
S2	348418	S1(5N)(TRANSFER???? OR SEND??? OR SENT??? OR DELIVER??? OR UPLOAD??? OR TRANSMIT???? OR TRANSMISSION OR DISTRIBUT??? OR CONVEY???)
S3	286184	S1(5N)(FORWARD??? OR DIRECTED OR DIRECTS OR DIRECTING OR ROUTES OR ROUTED OR ROUTING OR DISPATCH??? OR RECEIV??? OR RECEIPT???)
S4	1270597	SERVER? ? OR WEBSERVER? ? OR DEVICE? ? OR DRIVE OR DRIVES
S5	809121	DISC? ? OR DISK? ? OR STORAGE OR MACHINE? ?
S6	34651	S2:S3(7N)S4:S5(7N)(DETERMIN? OR ASSESS? OR IDENTIFY??? OR IDENTIFIED OR IDENTIFIES OR IDENTIFICATION OR ASCERTAIN? OR GAUG??? OR EVALUAT? OR MEASUR? OR DISCERN? OR JUDG???)
S7	117998	TIME(2N)(PERIODS OR SPANS OR INTERVALS OR SEGMENTS OR SLICES OR SLOTS) OR TIMESPANS OR TIMESLOTS
S8	21877	(MULTIPLE OR MULTIPLICITY OR SEVERAL OR PLURAL? OR DUAL? OR VARIOUS OR ANOTHER OR DIFFERENT OR SEPARATE OR SECOND? OR 2ND OR TWO OR PAIR OR THREE OR THIRD)(3W)S7
S9	9457	(PREDETERMIN? OR PRESET? OR PREESTABLISH? OR PREDEFIN? OR PREARRANGED OR PRESCRIBED OR PRESELECTED)(3W)S7
S10	10289	((PREVIOUSLY OR PRE)()(DETERMIN? OR SET???? OR ESTABLISH? OR DEFIN? OR ARRANGED OR SELECTED) OR FIXED OR CERTAIN OR GIVEN OR SPECIFIED OR SPECIFIC OR PARTICULAR)(3W)S7
S11	256653	S1(7N)(TIME OR TIMESTAMP OR TIMECODE)
S12	4166	S2:S3(7N)S4:S5(7N)MEASUR???
S13	85	(S12 OR S6)(50N)S8(50N)S11
S14	46	S13 AND IC=(G06F OR H04L OR H04N OR H04M)
S15	27	S14 AND AC=US/PR AND AY=(1970:2002)/PR
S16	27	S14 AND AC=US AND AY=1970:2002
S17	27	S14 AND AC=US AND AY=(1970:2002)/PR
S18	35	S14 AND PY=1970:2002
S19	39	S15:S18
S20	39	IDPAT (sorted in duplicate/non-duplicate order)

20/3,K/7 (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00767227

TELECASTING SERVICE FOR PROVIDING VIDEO PROGRAMS ON DEMAND WITH AN INTERACTIVE INTERFACE FOR FACILITATING VIEWER SELECTION OF VIDEO PROGRAMS

FUNKPROGRAMMSERVICE ZUR BEREITSTELLUNG VON VIDEO-AUF-ANFRAGE MIT EINER INTERAKTIVEN SCHNITSTELLE ZUR VEREINFACHUNG DER AUSWAHL VON VIDEOPROGRAMMEN

SERVICE DE TELEDIFFUSION D'EMISSIONS VIDEO SUR DEMANDE, DOTE D'UNE INTERFACE INTERACTIVE FACILITANT LEUR SELECTION PAR LE SPECTATEUR

PATENT ASSIGNEE:
TIME WARNER ENTERTAINMENT COMPANY, L.P., (2124560), 75 Rockefeller Plaza, New York, NY 10019, (US), (applicant designated states: BE;DE;DK;ES;FR;GB;IT;LU;NL;SE)

INVENTOR:
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GRANGER, James, E., 11 Sunnyside Avenue, Corte Madera, CA 94925, (US)
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WILKINSON, Dennis, P., 500 Hillbrook Road, Bryn Mawr, Pennsylvania 19010, (US)
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LEGAL REPRESENTATIVE:
VOSSIUS & PARTNER (100314), Siebertstrasse 4, 81675 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 781489 A1 970702 (Basic)
EP 781489 B1 981209
WO 9608927 960321
APPLICATION (CC, No, Date): EP 95932484 950913; WO 95US11552 950913
PRIORITY (CC, No, Date): US 305847 940914
DESIGNATED STATES: BE; DE; DK; ES; FR; GB; IT; LU; NL; SE
INTERNATIONAL PATENT CLASS: **H04N-007/173**
NOTE:
No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9850	2286
CLAIMS B	(German)	9850	2200
CLAIMS B	(French)	9850	2841
SPEC B	(English)	9850	10691
Total word count - document A			0
Total word count - document B			18018
Total word count - documents A + B			18018

INTERNATIONAL PATENT CLASS: **H04N-007/173**

...SPECIFICATION in a conventional manner until its time slot is reached. When its time slot is reached, the **transmitting device transmits** the **data** , along with an address that **identifies** the **device** that is to **receive** the **data** .

When large amounts of **data** need to be **transmitted** , such as when the

telecasting facility 12 needs to transmit an entire video program to one of the viewing stations 14 (FIG. 1), the data are divided into smaller **packets** which are transmitted during **different time slots** . Each **packet** is transmitted with a destination address. The destination device receives and reassembles the packets as required. The...

20/3,K/9 (Item 9 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00905183 **Image available**
MEANS AND METHOD OF PRIVATELY STORING DATA
SYSTEME ET PROCEDE PERMETTANT LE STOCKAGE CONFIDENTIEL DE DONNEES
Patent Applicant/Assignee:
GIFTSPEAK PTY LIMITED, Tasmanian Technopark, Innovation Drive, Glenorchy, Tasmania 7010, AU, AU (Residence), AU (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
MANION Michael Joseph, 2 Forbes Avenue, West Hobart, Tasmania 7000, AU, AU (Residence), AU (Nationality), (Designated only for: US)
BOUCHER Christopher Walter, 16 Hamilton Street, West Hobart, Tasmania 7000, AU, AU (Residence), AU (Nationality), (Designated only for: US)
Legal Representative:
F B RICE & CO (agent), 139 Rathdowne Street, Carlton, Victoria 3053, AU,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200239252 A1 **20020516** (WO 0239252)
Application: WO 2001AU1440 20011108 (PCT/WO AU0101440)
Priority Application: AU 20001353 20001108; AU 20017930 20010926
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 14485

Patent and Priority Information (Country, Number, Date):
Patent: ... **20020516**
Main International Patent Class: **G06F-003/16**
Fulltext Availability:
Claims
Publication Year: **2002**

Claim
... time period.
21 A storage means in accordance with claim 19 or claim 20, wherein the identification **data** comprises **data** identifying a **plurality** of **time periods** , and identifying different portions of the audio **data** which are valid during each
time period.

22 A storage means in accordance with claim 21 wherein the different portions of audio data...

...the storage means; and
prior to delivery of the storage means to the intended recipient, retrieving recorded **identification** data from the second storage space

of the
storage means without accessing the first **storage** space.

24 The method of claim 23 wherein the **identification** data comprises **data**
identifying the intended recipient for **delivery** of the **storage** means.

25 The method of claim 23 or claim 24 wherein the **identification** data recorded in the second storage space is in an encrypted form.
26 The method of any...The method of any one of claims 23 to 35, further comprising the step
of accessing the **identification** data without accessing the audio **data**, in order
to **determine** **delivery** requirements of the **storage** means.

37 The method of any one of claims 23 to 36, wherein the identification data comprises...

...period.

39 The method of claim 37 or 38, wherein the identification data comprises data identifying a **plurality** of **time** **periods**, and identifying
different portions of the audio data which are valid during each **time** period.

40 The method of claim 39 wherein the different portions of audio data comprise rolling advertisement...

...the audio data
in a second storage space of the storage means; and
means for retrieving recorded **identification** data from the second storage space of the storage means without accessing the first **storage** space.

42 The system of claim 41 wherein the **identification** data comprises **data**
identifying the intended recipient for **delivery** of the **storage** means.

43 The system of claim 41 or claim 42 wherein the **identification** data recorded in the second storage space is in an encrypted form.

44 The system of any...

20/3,K/11 (Item 11 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01433290
In-band upstream signaling mechanism on cellbus
Inband-Aufwartssteuerung uber einem Zellenbus
Mecanisme de signalisation dans la bande a mont sur un bus de cellules
PATENT ASSIGNEE:
Alcatel USA, Inc., (1035541), 1000 Coit Road, Plano, Texas 75075, (US),
(Applicant designated States: all)
INVENTOR:
The designation of the inventor has not yet been filed
LEGAL REPRESENTATIVE:
Dreiss, Fuhlendorf, Steimle & Becker (100861), Patentanwalte, Postfach 10 37 62, 70032 Stuttgart, (DE)
PATENT (CC, No, Kind, Date): EP 1213880 A2 020612 (Basic)
APPLICATION (CC, No, Date): EP 2001128484 011207;

PRIORITY (CC, No, Date): US 731871 001207; US 304178 P 001207
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: **H04L-012/56**
ABSTRACT WORD COUNT: 224
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200224	3314
SPEC A	(English)	200224	9556
Total word count - document A			12870
Total word count - document B			0
Total word count - documents A + B			12870

INTERNATIONAL PATENT CLASS: **H04L-012/56**

...SPECIFICATION is ready to accept new data. The source of the data tests the appropriate conductor for backpressure **information** during the signaling **time** slot, in order to **determine** whether or not it should transmit new information to the device.
In the above embodiments, the device which is asserting the control signal can be **identified** by the conductor or conductors on which the signal was asserted. Since each device is assigned a...

...identify the source of a control signal and to avoid contention during control signaling, is to include **two** or more signaling **time slots** in each **time frame** . Each device is assigned a different signaling **time** slot for asserting its control signal onto the bus, which it may do within any **time frame** even if it does not control the bus for **data** transmission during that **time frame** . The device which does control the bus for data transmission during the time frame is required to...

20/3,K/13 (Item 13 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01379552
METHOD AND APPARATUS FOR CONTROLLING TRANSMISSION OF ADVERTISEMENT
VERFAHREN UND VORRICHTUNG ZUR STEUERUNG DES UEBERTRAGENS VON WERBUNG
PROCEDE ET APPAREIL PERMETTANT DE COMMANDER LA TRANSMISSION DE PUBLICITE
PATENT ASSIGNEE:
Dentsu Inc., (3305470), 11-10, Tsukiji 1-chome, Chuo-ku, Tokyo 104-8426, (JP), (Applicant designated States: all)
Sumitomo Corporation, (213577), 1-8-11, Harumi, Chuo-ku, Tokyo 104-8610, (JP), (Applicant designated States: all)
INVENTOR:
IIJIMA, Akio, 2-10-11-507, Noge, Setagaya-ku, Tokyo 158-0092, (JP)
ARIMURA, Takeshi, c/o SUMITOMO CORPORATION, 1-8-11, Harumi, Chuo-ku, Tokyo 104-8610, (JP)
LEGAL REPRESENTATIVE:
HOFFMANN - EITLE (101511), Patent- und Rechtsanwalte Arabellastrasse 4, 81925 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 1292146 A1 030312 (Basic)
WO 2001089216 011122
APPLICATION (CC, No, Date): EP 2000927770 000515; WO 2000JP3103 000515
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: **H04N-007/173**
ABSTRACT WORD COUNT: 163

NOTE:
Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200311	4755
SPEC A	(English)	200311	40953
Total word count - document A			45708
Total word count - document B			0
Total word count - documents A + B			45708

INTERNATIONAL PATENT CLASS: **H04N-007/173**

...SPECIFICATION on the values of the coefficients for the respective pieces of advertisement data assigned tothe viewer/listener, **determining** priority orders for transmitting the pieces of advertisement **data** to the receiver.
A storage medium of the present invention is characterized in that, in the above **storage** medium, the procedure carried out by a computer based on the computer program recorded in the storage...

...which the advertisement is desired to be preferentially transmitted to the receiver, for each piece of advertisement **data** , selecting **time** slot **data** from preferential transmission **time** **data** which comprises **time** slot **data** for each of a **plurality** of **time** **slots** for specifying one or more times of a day at which the advertisement is desired to be...

...the receiver; assigning a value of a coefficient representing a weight to each selected piece of the **time** slot **data** , wherein a greater weight is assigned to a selected time slot having more importance; adding, to the...

...CLAIMS the values of the coefficients for the respective pieces of advertisement data assigned to the viewer/listener, **determining** priority orders for transmitting the pieces of advertisement **data** to the receiver.
33. The **storage** medium set forth in any one of claims 26-32, wherein the procedure comprises the steps of...

...which the advertisement is desired to be preferentially transmitted to the receiver, for each piece of advertisement **data** , selecting **time** slot **data** from preferential transmission **time** **data** which comprises **time** slot **data** for each of a **plurality** of **time** **slots** for specifying one or more times of a day at which the advertisement is desired to be...

...the receiver; assigning a value of a coefficient representing a weight to each selected piece of the **time** slot **data** , wherein a greater weight is assigned to a selected time slot having more importance; adding, to the...

20/3,K/14 (Item 14 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01372816
INFORMATION DELIVERY SYSTEM, INFORMATION DELIVERY METHOD, AND PROGRAM FOR ALLOWING COMPUTER TO EXECUTE THAT METHOD
SYSTEM UND VERFAHREN ZUR LIEFERUNG VON INFORMATION UND PROGRAMM, WELCHES EINEM RECHNER ERMOGLICHT, DAS VERFAHREN AUSZUFUHREN
SYSTEME DE DISTRIBUTION D'INFORMATIONS, PROCEDE DE DISTRIBUTION D'INFORMATIONS ET PROGRAMME PERMETTANT A UN ORDINATEUR D'EXECUTER CE

PROCEDE
PATENT ASSIGNEE:
MITSUBISHI DENKI KABUSHIKI KAISHA, (208589), 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310, (JP), (Applicant designated States: all)
INVENTOR:
WAKIMOTO, Koji, Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310, (JP)
KANDA, Junshiro, Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310, (JP)
LEGAL REPRESENTATIVE:
Pfenning, Meinig & Partner (100961), Mozartstrasse 17, 80336 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 1280353 A1 030129 (Basic)
WO 2001082620 011101
APPLICATION (CC, No, Date): EP 2001921923 010419; WO 2001JP3366 010419
PRIORITY (CC, No, Date): JP 2000123254 000424
DESIGNATED STATES: DE; GB
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: **H04N-007/173**
ABSTRACT WORD COUNT: 126
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200305	6326
SPEC A	(English)	200305	33670
Total word count - document A			39996
Total word count - document B			0
Total word count - documents A + B			39996

INTERNATIONAL PATENT CLASS: **H04N-007/173**

...SPECIFICATION units (unit information) that are formed by the source data being divided according to attribute into a **plurality** of **time periods** . Here, the term "attribute" refers to whether or not a particular actor or product is being televised, the contents of the news, or the like and is **determined** by the contents of the source **data** . The **server** 2 **transmits** contents describing **data** (unit attribute **information**) relating to the attributes and **time** periods for each **data** unit to the buffer 1 together with the source data.
Fig. 3 is a view showing the...

20/3,K/15 (Item 15 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01357717
TDMA bus interface, system for communicating data, and method
TDMA Busschnittstelle, Datenubertragungssystem und Verfahren
Interface pour bus TDMA, systeme de communication de donnees et methode
PATENT ASSIGNEE:
MOTOROLA, INC., (205770), 1303 East Algonquin Road, Schaumburg, IL 60196, (US), (Applicant designated States: all)
INVENTOR:
Tschumi, Alfred, Holzhausemstrasse 45, 4704 Niederbipp, (CH)
LEGAL REPRESENTATIVE:
Gibson, Sarah Jane (73534), Motorola GmbH Law Dept. Intellectual Property Section, Hagenauer Strasse 47, 65203 Wiesbaden, (DE)
PATENT (CC, No, Kind, Date): EP 1158735 A1 011128 (Basic)
APPLICATION (CC, No, Date): EP 2000111169 000524;
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: **H04L-012/64** ; **G06F-013/40** ; **H04L-012/40**
ABSTRACT WORD COUNT: 153
NOTE:
Figure number on first page: 4

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200148	1080
SPEC A	(English)	200148	12725
Total word count - document A			13805
Total word count - document B			0
Total word count - documents A + B			13805

INTERNATIONAL PATENT CLASS: **H04L-012/64** ...

... **G06F-013/40** ...

... **H04L-012/40**

...SPECIFICATION at least one asynchronous data channel into a synchronous serial data stream and outputting said synchronous serial **data** stream into one of said **plurality** of **time slots** of said TDMA bus by said first TDMA interface, receiving said synchronous serial **data** stream in said one **time** slot of said TDMA bus by a second TDMA interface, converting said synchronous serial data stream into...
...second TDMA interface, wherein said synchronous serial data stream has a frame structure comprising an address portion **identifying** said one of said first plurality of communication **devices** **transmitting** said asynchronous **data** channel and a data portion including said data from said asynchronous data channel.
Preferably said address portion...at least one asynchronous data channel into a synchronous serial data stream and outputting said synchronous serial **data** stream into one of said **plurality** of **time slots** of said TDMA bus, a second TDMA interface for receiving said synchronous serial **data** stream in said one **time** slot of said TDMA bus by and for converting said synchronous serial data stream into at least ...

...of communication devices, wherein said synchronous serial data stream has a frame structure comprising an address portion **identifying** said one of said first plurality of communication **devices** **transmitting** said asynchronous **data** channel and a data portion including said data from said asynchronous data channel.
In a preferred embodiment...

...CLAIMS at least one asynchronous data channel into a synchronous serial data stream and outputting said synchronous serial **data** stream into one of said **plurality** of **time slots** of said TDMA bus by said first TDMA interface,
receiving said synchronous serial **data** stream in said one **time** slot of said TDMA bus by a second TDMA interface,
converting said synchronous serial data stream into...

...second TDMA interface,
wherein said synchronous serial data stream has a frame structure with an address portion **identifying** said one of said first plurality of communication **devices** **transmitting** said asynchronous **data** channel and a data portion including said data from said asynchronous data channel.
2. Method according to...

...said TDMA bus.
5. Method according to any one of the preceding claims, wherein said

address portion **identifies** said one of said second plurality of communication **devices** **receiving** said **data** channel.

6. Method according to any one of the preceding claims, wherein the data portion is interpreted...

...7. TDMA interface for integrating a plurality of asynchronous data channels into one TDMA bus having a **plurality** of **time** **slots** , said TDMA interface comprising:

a TDMA bridge device having an internal parallel port for communicating parallel data...

...at least one asynchronous data channel into a synchronous serial data stream and outputting said synchronous serial **data** stream into one of said **plurality** of **time** **slots** of said TDMA bus,

a second TDMA interface for receiving said synchronous serial **data** stream in said one **time** slot of said TDMA bus by and for converting said synchronous serial data stream into at least...

...of communication devices,

wherein said synchronous serial data stream has a frame structure with an address portion **identifying** said one of said first plurality of communication **devices** **transmitting** said asynchronous **data** channel and a data portion including said data from said asynchronous data channel.

11. System according to...

20/3,K/16 (Item 16 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

01177019

Rate-controlled multi-class high-capacity packet switch

Hochkapazitatspaketvermittlungseinrichtung mit mehreren Klassen und Ratensteuerung

Commutateur de paquets de haute capacite a plusieurs classes avec controle de debit

PATENT ASSIGNEE:

Nortel Networks Limited, (3029040), World Trade Center of Montreal, 380 St. Antoine Street West, 8th floor, Montreal, Quebec H2Y 3Y4, (CA), (Applicant designated States: all)

INVENTOR:

Beshai, Maged E., 70 Trailway Circle, Stittsville, Ontario K2S 1E2, (CA)

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LEGAL REPRESENTATIVE:

Coyle, Philip Aidan et al (72291), F. R. KELLY & CO. 27 Clyde Road Ballsbridge, Dublin 4, (IE)

PATENT (CC, No, Kind, Date): EP 1026856 A2 000809 (Basic)
EP 1026856 A3 010404

APPLICATION (CC, No, Date): EP 300700 000131;

PRIORITY (CC, No, Date): US 244824 990204

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: **H04L-012/56**

ABSTRACT WORD COUNT: 123

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200032	2707
SPEC A	(English)	200032	14215
Total word count - document A			16922
Total word count - document B			0

Total word count - documents A + B 16922

INTERNATIONAL PATENT CLASS: **H04L-012/56**

...SPECIFICATION segments that can be allocated during a transfer allocation period of the same length by an ideal **transfer** allocation **device** under the same **traffic** conditions.
(29) Service Rate:
The rate at which **traffic** is **transferred** through a network.
(30) Temporal Matching:
A process for **determining** , for an ingress/egress **pair** , **time intervals** in a predefined **time** - **frame** during which an ingress module and an egress module are available.
(31) Spatial Matching:
A process for...

20/3,K/18 (Item 18 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00834023
Communication protocol for half-duplex traffic
Kommunikationsprotokoll fur Halbduplexverkehr
Protocole de communication pour trafic en semi-duplex
PATENT ASSIGNEE:
NOKIA MOBILE PHONES LTD., (997961), P.O. Box 86, 24101 Salo, (FI),
(applicant designated states: DE;FR;GB;SE)
INVENTOR:
Selin, Markku, Silmakkeenkatu 5 A 2, 33560 Tampere, (FI)
LEGAL REPRESENTATIVE:
Nordin, Leif (81991), Berggren Oy Ab, P.O. Box 16, 00101 Helsinki, (FI)
PATENT (CC, No, Kind, Date): EP 772307 A1 970507 (Basic)
APPLICATION (CC, No, Date): EP 96660066 961008;
PRIORITY (CC, No, Date): FI 955200 951031
DESIGNATED STATES: DE; FR; GB; SE
INTERNATIONAL PATENT CLASS: H04B-010/10; H04J-014/08; **H04L-012/413**
ABSTRACT WORD COUNT: 200

LANGUAGE (Publication,Procedural,Application): English; English; Finnish
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB97	621
SPEC A	(English)	EPAB97	4586
Total word count - document A			5207
Total word count - document B			0
Total word count - documents A + B			5207

...INTERNATIONAL PATENT CLASS: **H04L-012/413**

...SPECIFICATION that after a collision, in which collision said first and second transmission means transmit simultaneously, said first **device** after the elapse of a pre-determined first **time** interval re-transmits its **message** which was involved in said collision and said second device after the elapse of a pre-determined second **time** interval re- **transmits** its **message** which was involved in said collision, and said first and **second time intervals** are of different lengths.
The invention relates also to apparatus for implementation of the method described above...

...in that it comprises in said first apparatus a first delay means for re-transmitting a garbled **message** after the elapse of a certain first **time** interval from the transmission of that **message** , and in said second apparatus a second delay means for re-transmitting a garbled **message** after the elapse of a certain second **time** interval from the

transmission of that **message** , and that said first and second delay means are so arranged that said first time interval and...of the invention this is not a problem, since both devices will re-transmit the unacknowledged control **message** . Re-transmission will occur after **different time intervals** for the different devices, so that the next control messages will no longer collide with each other.

When one or both **devices** have **data** for **transfer** , the link is switched to transfer mode. While in transfer mode the **devices** must exchange control messages. These messages contain information, such as **measurement** results reporting the quality of the link, which regulates the activities of the devices. In addition the...

20/3,K/19 (Item 19 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00810122
Method and device for program distribution
Verfahren und Vorrichtung zur Verteilung von Programmen
Methode et dispositif pour la distribution de programmes
PATENT ASSIGNEE:
TELIA AB, (639895), , 123 86 Farsta, (SE), (Proprietor designated states: all)
INVENTOR:
Hagstrom, Bengt, Vivelvagen 19, 125 33 Alvsjo, (SE)
LEGAL REPRESENTATIVE:
Akerman, Marten Lennart (69671), Albihns Malmo AB Box 4289, 203 14 Malmo, (SE)
PATENT (CC, No, Kind, Date): EP 752787 A1 970108 (Basic)
EP 752787 B1 020320
APPLICATION (CC, No, Date): EP 96850119 960626;
PRIORITY (CC, No, Date): SE 952465 950706
DESIGNATED STATES: CH; DE; DK; ES; FR; GB; IT; LI; NL
INTERNATIONAL PATENT CLASS: **H04N-007/173**
ABSTRACT WORD COUNT: 177
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; Swedish
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200212	570
CLAIMS B	(German)	200212	510
CLAIMS B	(French)	200212	658
SPEC B	(English)	200212	3528
Total word count - document A			0
Total word count - document B			5266
Total word count - documents A + B			5266

INTERNATIONAL PATENT CLASS: **H04N-007/173**

...SPECIFICATION When the information returns to the channel creating device from which the information was originally transmitted, new **information** is added to the time slot in question. If all information from the distributor has been transmitted...

...question is made via channel creating devices which are connected to the respective receivers. The channel creating **devices** connected to the **receivers** identify with regard to the **information** from the control **devices** the different time slots that shall be transformed to **information** that can be **received** by the receiver. When the from the **distributor transmitted information** reaches the channel creating **device** , this identifies the time slot in question and transforms the current **information** to one for the **receiver** receivable **information** .

Depending on which type of **receiver** the **receiver** has, the **information** is transformed to different frequencies/channels which can be received on for instance radio and TV-sets...

20/3,K/23 (Item 23 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00420363
Signal transmission system capable of performing re-transmission control in units of slots
Zur Ausfuhrung einer Wiederholungskontrolle pro Zeiteinheit fahiges Signalubertragungssystem
Systeme de transmission de signaux capable d'effectuer des controles de retransmission par unite d'intervalle de temps
PATENT ASSIGNEE:
NIPPON TELEGRAPH AND TELEPHONE CORPORATION, (686339), 19-2 Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo 163-19, (JP), (applicant designated states: DE;GB;SE)
NTT MOBILE COMMUNICATIONS NETWORK INC., (1560152), 10-1, Toranomon 2-chome, Minato-ku, Tokyo, (JP), (applicant designated states: DE;GB;SE)
INVENTOR:
Onoe, Seizo, 9-2 Sugita, Isogo-ku, Yokohama-shi, (JP)
Funakawa, Kimitoshi, 6-19-11 Honcho, Hoya-shi, Tokyo, (JP)
Umeda, Narumi, 4622-3 Kamariya-cho, Kanazawa-ku, Yokohama-shi, (JP)
Suzuki, Tamami, 301 Howaie-Hiiragi, 45-1, Nokendaidori, Kanazawa-ku, Yokohama-shi, (JP)
LEGAL REPRESENTATIVE:
Schmidt-Evers, Jurgen, Dipl.-Ing. et al (10431), Patentanwalte Mitscherlich & Partner, Postfach 33 06 09, 80066 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 418866 A2 910327 (Basic)
EP 418866 A3 920729
EP 418866 B1 970709
APPLICATION (CC, No, Date): EP 90118037 900919;
PRIORITY (CC, No, Date): JP 89240500 890919
DESIGNATED STATES: DE; GB; SE
INTERNATIONAL PATENT CLASS: **H04L-001/16** ; **H04L-001/18**
ABSTRACT WORD COUNT: 184

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	540
CLAIMS B	(English)	EPAB97	806
CLAIMS B	(German)	EPAB97	741
CLAIMS B	(French)	EPAB97	983
SPEC A	(English)	EPABF1	5437
SPEC B	(English)	EPAB97	5236
Total word count - document A			5977
Total word count - document B			7766
Total word count - documents A + B			13743

INTERNATIONAL PATENT CLASS: **H04L-001/16** ...

... **H04L-001/18**

...ABSTRACT A2
In a message-transmitting station (15 - 17), a signal to be transferred is divided into a **plurality** of time slots, an error correcting/detecting code is added to each time slot, and a re...

...re-transmission number and an address designating ID of a terminal device are added to a specified **time** slot. Then, **data** of the **time**

slots are transmitted from the **message - transmitting** station (15 - 17) to a **message - receiving** station (11 - 13). In the **message** -receiving station (11 - 13), it is **determined** whether or not any order number is missing, by demodulating the time slot containing the retransmission sequence...

...transmission request signal is transferred in accordance with the determining resultant and the condition in which each **time** slot has reached the **message** -receiving station (11 - 13). Further, least one of any specified and all of the **time** slots are re-transmitted from the **message** -transmitting station in accordance with the re-transmission request signal supplied from the message-receiving station (11...

20/3,K/25 (Item 25 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00212199
Time-division multiplexing communication system.
Zeitmultiplexubertragungssystem.
Systeme de communication multiplex par repartition dans le temps.
PATENT ASSIGNEE:
HITACHI, LTD., (204141), 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101, (JP), (applicant designated states: DE;FR;GB)
INVENTOR:
Takahashi, Yasuhiro, 13-22, Kugenuma-Matsugaoka-4-chome, Fujisawa-shi, (JP)
Hiyama, Kunio, 19-5, Shonandai-5-chome, Fujisawa-shi, (JP)
LEGAL REPRESENTATIVE:
Strehl Schubel-Hopf Groening & Partner (100941), Maximilianstrasse 54, D-80538 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 228629 A2 870715 (Basic)
EP 228629 A3 881130
EP 228629 B1 931006
APPLICATION (CC, No, Date): EP 86117201 861210;
PRIORITY (CC, No, Date): JP 85288191 851220
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: H04J-003/16; **H04L-012/42** ; H04J-003/08
ABSTRACT WORD COUNT: 175

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	504
CLAIMS B	(German)	EPBBF1	461
CLAIMS B	(French)	EPBBF1	545
SPEC B	(English)	EPBBF1	3288
Total word count - document A			0
Total word count - document B			4798
Total word count - documents A + B			4798

...INTERNATIONAL PATENT CLASS: **H04L-012/42**

...CLAIMS a plurality of sub-frames (F0 - F7) and circulating on said transmission line, each of said sub- **frames** being constituted by a plurality of time slots (T1-TX), wherein each of said node devices (2 ...

...means (12) for receiving said communication frame from said loop transmission line;
fourth means (21, 22) for **identifying** a time slot specified by said second parameter in a sub-frame specified by said first parameter...

...third means (12);
fifth means (23, 25, 30, 31, 32) for extracting data of said time slot **identified** by said fourth means (21,22) from said communication **frame** **received** by said third means (12) and for **transferring** the extracted **data** to said terminal **device** connected to said node **device** concerned; and
sixth means (28, 27, 24, 11) for inserting **data** **received** from said terminal **device** into said time slot **identified** by said fourth means (21, 22) in said communication **frame** and for **sending** said communication **frame** onto said loop **transmission** line.

2. A communication system according to Claim 1, in which said fourth means (21, 22) comprises...

20/3,K/29 (Item 29 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00993987 **Image available**
BASEBAND RECEIVER AND METHOD FOR HIGH DATA RATE WIRELESS PERSONAL AREA NETWORKS
RECEPTEUR EN BANDE DE BASE ET PROCEDE POUR RESEAUX PERSONNELS SANS FIL A HAUT DEBIT
Patent Applicant/Assignee:
BROADCOM CORPORATION, 16215 Alton Parkway, Irvine, CA 92619-7013, US, US (Residence), US (Nationality)
Inventor(s):
KARAOGUZ Jeyhan, 15 Petria, Irvine, CA 92606, US,
Legal Representative:
GARLICK Bruce E (agent), Garlick, Harrison & Markison, LLP, P.O. Box 160727, Austin, TX 78716-0727, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200324015 A1 20030320 (WO 0324015)
Application: WO 2002US28555 20020909 (PCT/WO US0228555)
Priority Application: US 2001949989 20010910
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
JP
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
Publication Language: English
Filing Language: English
Fulltext Word Count: 8378

Main International Patent Class: **H04L-007/02**
International Patent Class: **H04L-007/04** ...

... **H04L-025/02** ...

... **H04L-025/03** ...

... **H04L-027/38**
Fulltext Availability:
Claims

Claim
... will not be further described herein except as they relate to the present invention. The transceiver then **transmits** a **frame** (step 3 1 0). Upon completion of the burst **transmission** of the **frame** , the WAN device **determines** whether it is done transmitting (step 312). As will be described ftirther with reference to FIG. 4C...
...by the WAN network includes both a contention access period and a plurality of time slots, each **time** slot allocated for carrying one physical **frame** . The WPAN **device** may **transmit** none, one, or more than one frame during each superframe. In some operations, the WAN

device is allocated adjacent **frames** for **transmission** . Thus, the WAN **device** next **determines** if has been allocated the subsequent **time** slots in the super **frame** . If not, the WAN returns to the wait state (step 304). If so, operation returns to step...

20/3,K/31 (Item 31 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00842410 **Image available**
DEVICE FOR TRANSMITTING DATA AND CONTROL COMMANDS VIA RADIO CONNECTIONS IN A DISTRIBUTED CONTROL SYSTEM FOR ONE OR MORE MACHINES AND/OR PROCESSES
DISPOSITIF DE TRANSMISSION DE DONNEES ET DE COMMANDES DE CONTROLE PAR RACCORDEMENT RADIO DANS UN SYSTEME DE COMMANDE REPARTIE DESTINE A UNE OU PLUSIEURS MACHINES ET/OU PROCEDES
Patent Applicant/Assignee:
KVASER CONSULTANT AB, Box 4076, S-511 04 Kinna, SE, SE (Residence), SE (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
FREDRIKSSON Lars-Berno, Berggrand 1, S-511 04 Kinna, SE, SE (Residence), SE (Nationality), (Designated only for: US)
LENNARTSSON Kent, Sunnan, Grevered, S-510 13 Bjorketorp, SE, SE (Residence), SE (Nationality), (Designated only for: US)
Legal Representative:
KARLSSON Berne (agent), P.O. Box 2078, S-137 02 Tungelsta, SE,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200176148 A1 **20011011** (WO 0176148)
Application: WO 2001SE423 20010227 (PCT/WO SE0100423)
Priority Application: SE 20001148 20000331
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
JP US
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
Publication Language: English
Filing Language: English
Fulltext Word Count: 15259

Patent and Priority Information (Country, Number, Date):
Patent: ... **20011011**
Main International Patent Class: **H04L-012/28**
International Patent Class: **H04L-012/40** ...

... **G06F-013/10**
Fulltext Availability:
Claims
Publication Year: **2001**

Claim
... or reception time connects the node to a relevant radio connection and in that the node's **transmitter** or receiver **transmits** or receives **data** or control command(s) concerning only that node and referring to the **machine** or process in question, and can thus omit identification or address data and any sorting **data** in order to reduce the **transmission** or reception time and thereby save bandwidth.

3 **Device** according to Claim 1 or 2, characterized in that the nodes belonging to a particular geographical area...

...4 Device according to Claim 1, 2 or 31 characterized in that the system operates with a **time** slot

arrangement for the exchange of **data** and control commands between the nodes and in that each node is allocated its time slots in...

...5 Device according to any of Claims 1 - 4 characterized in that each node is allocated first **time** slots for the reception of **data** or control command(s) and **second time slots** for the transmission of **data** or control command(s).
6 Device according to any of the preceding claims, characterized in that the...

20/3,K/34 (Item 34 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00533844 **Image available**
INTEGRATED VOICE AND DATA COMMUNICATIONS OVER A LOCAL AREA NETWORK
COMMUNICATIONS VOCALES ET DE DONNEES INTEGREES DANS UN RESEAU LOCAL
Patent Applicant/Assignee:
MERLOT COMMUNICATIONS INC,
KEENAN Ronald M,
BARRAZA Thomas F,
CACERES Edward R,
DEPTULA Joseph A,
EVANS Patrick A,
SETARO Joseph,
Inventor(s):
KEENAN Ronald M,
BARRAZA Thomas F,
CACERES Edward R,
DEPTULA Joseph A,
EVANS Patrick A,
SETARO Joseph,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9965196 A1 **19991216**
Application: WO 99US12898 19990609 (PCT/WO US9912898)
Priority Application: US 9888747 19980610
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AU BR CA CN CZ ID IL IN JP KR MX NO NZ PL SG TR US VN AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 21435

Patent and Priority Information (Country, Number, Date):
Patent: ... **19991216**
Main International Patent Class: **H04L-012/64**
International Patent Class: **H04L-012/44**
Fulltext Availability:
Claims
Publication Year: **1999**

Claim
... loop.

9 In a local area network (LAN) adapted for packet switching using standard variable length Ethernet **packets transmitted** between a plurality of **devices** and a Communication Switching Module (CSM), said **devices** and said
CSM each **identified** by a Media Access Control (MAC) address, and each including means for establishing a plurality of **time** domain multiplexing

(TDM) **flow** queues and means for assigning the **flow** queue contents to a
plurality of selectable **time slots** , and said CSM further including means for switching Ethernet packets from a MAC source address to a...

20/3,K/35 (Item 35 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00504404 **Image available**
ACTIVATION OF MULTIPLE xDSL MODEMS WITH CHANNEL PROBE
ACTIVATION DE MODEMS DE LIGNE D'ABONNE NUMERIQUE (xDSL) A ESSAI DE LIGNE
Patent Applicant/Assignee:
MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS INC,
PALM Stephen,
Inventor(s):
ATSUTA Akira,
PALM Stephen,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9935756 A1 **19990715**
Application: WO 99US519 19990108 (PCT/WO US9900519)
Priority Application: JP 9815057 19980109; US 98217556 19981221
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 9755

Patent and Priority Information (Country, Number, Date):
Patent: ... **19990715**
International Patent Class: **H04L-005/16**
Fulltext Availability:
Claims
Publication Year: **1999**

Claim
... transmits and receives negotiation inforination relating to communication standards over a communication channel; and a second communication **device** that at least one of **transmits** and **receives** examination **information** over the communication channel to **determine** line characteristics of the communication channel. S. The communications **device** of claim 7, wherein said negotiation inforination and said examination **information** are exchanged in a substantially concurrent **time** period.

9 The communications device of claim 7, wherein said negotiation information and said
SUBSTITUTE SHEET (RULE 26)
examination **information** are exchanged in **different time periods** .
1 0. The communications device of claim 7, wherein said examination information comprises a plurality of signals...

20/3,K/36 (Item 36 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00476845

PROVIDER-SELECTED MESSAGE IN RESPONSE TO USER REQUEST
MESSAGE SELECTIONNE PAR LE FOURNISSEUR EN REACTION A UNE DEMANDE D'UTILISATEUR

Patent Applicant/Assignee:
AMON Thomas C,

Inventor(s):
AMON Thomas C,
BAER Dan M,

Patent and Priority Information (Country, Number, Date):
Patent: WO 9908197 A1 **19990218**
Application: WO 98US16685 19980811 (PCT/WO US9816685)
Priority Application: US 97912991 19970811

Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE HR HU ID IL IS JP KG KP KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA UZ VN YU GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English
Fulltext Word Count: 4211

Patent and Priority Information (Country, Number, Date):
Patent: ... **19990218**
Main International Patent Class: **G06F-013/14**
International Patent Class: **G06F-013/42** ...

... **G06F-015/16**
Fulltext Availability:
Detailed Description
Publication Year: **1999**

Detailed Description
... network 203, the intemet 204 and the user's local computer network 205.

After an appropriate period (**determined** by the **server**) of time, the user becomes qualified by virtue of having been **sent** a qualifying provider-selected **message** 207 (and perhaps fulfilling some additional conditions) within a provider-selected interval 214. The **server** 201 then **transmits** the requested user-selected **information** 210 to the user's computer.

The **server** responds to additional requests for user-selected **information** such as 209 **received** during a provider-selected interval 214 from a qualified user with user-selected information without transmitting a...

...such as 215. Such additional provider-selected intervals may be of varying lengths, and may begin after **different periods** of **time** following the transmission of an associated qualifying provider-selected message.

In a preferred embodiment, provider-selected **messages** are **time** -delimited and are displayed for only a limited period, after which user-selected information is automatically display...

20/3,K/38 (Item 38 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00422185 **Image available**
GUARANTEED BANDWIDTH ALLOCATION METHOD IN A COMPUTER SYSTEM FOR

INPUT/OUTPUT DATA TRANSFERS

PROCEDE D'ATTRIBUTION GARANTIE DE LARGEUR DE BANDE DANS UN SYSTEME INFORMATIQUE POUR TRANSFERTS DE DONNEES ENTREE/SORTIE

Patent Applicant/Assignee:
SILICON GRAPHICS INC,
Inventor(s):
MILLER Steven C,
RIOTTO Jamie,
TORNES James E,
WERNER Ross G,

Patent and Priority Information (Country, Number, Date):
Patent: WO 9812646 A1 **19980326**
Application: WO 97US13837 19970805 (PCT/WO US9713837)
Priority Application: US 96717581 19960923
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AU CA JP AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 7888

Patent and Priority Information (Country, Number, Date):
Patent: ... **19980326**
Main International Patent Class: **G06F-013/362**
Fulltext Availability:
Claims
Publication Year: **1998**

Claim

... peripheral has no further transmission requirements and repeating said selecting, transmitting, decrementing and terminating steps until said **plurality** of **time slots** exceed the number of unused allocated transmission slots. - 28

. In a computer system having a processing unit...

...a method of
prioritizing the transfer of data comprising the steps of-,
assigning said devices having real- **time data** transmissions to a first priority ring, said first priority ring having guaranteed access ...of said bus;
polling each device assigned to said first priority ring in a sequential fashion to **determine** whether said polled **device** has **data** to **transmit** ,
transmitting said **data** from the polled **device** to a target **device** ;
1 0 assigning **devices** having non-real- **time data** transmissions to a second priority ring having access to the portion of said bandwidth not used by...

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File   8:Ei Compendex(R) 1970-2005/Oct W5
         (c) 2005 Elsevier Eng.  Info. Inc.
File  35:Dissertation Abs Online 1861-2005/Oct
         (c) 2005 ProQuest Info&Learning
File  65:Inside Conferences 1993-2005/Nov W1
         (c) 2005 BLDSC all rts. reserv.
File   2:INSPEC 1898-2005/Oct W5
         (c) 2005 Institution of Electrical Engineers
File  94:JICST-EPlus 1985-2005/Sep W1
         (c)2005 Japan Science and Tech Corp(JST)
File   6:NTIS 1964-2005/Oct W5
         (c) 2005 NTIS, Intl Cpyrght All Rights Res
File 144:Pascal 1973-2005/Oct W5
         (c) 2005 INIST/CNRS
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
         (c) 1998 Inst for Sci Info
File  34:SciSearch(R) Cited Ref Sci 1990-2005/Nov W1
         (c) 2005 Inst for Sci Info
File  99:Wilson Appl. Sci & Tech Abs 1983-2005/Oct
         (c) 2005 The HW Wilson Co.
File 266:FEDRIP 2005/Oct
         Comp & dist by NTIS, Intl Copyright All Rights Res
File  95:TEME-Technology & Management 1989-2005/Oct W1
         (c) 2005 FIZ TECHNIK

Set     Items   Description
S1   13445088   PACKET? ? OR FRAME? ? OR DATAGRAM? ? OR MESSAGE? ? OR EMAIL
              OR MAIL OR DATA OR INFORMATION OR TRAFFIC OR CONTENT OR FLOW
S2     817896   S1(5N)(TRANSFER???? OR SEND??? OR SENT??? OR DELIVER??? OR
             UPLOAD??? OR TRANSMIT???? OR TRANSMISSION OR DISTRIBUT??? OR -
             CONVEY???)
S3     144299   S1(5N)(FORWARD??? OR DIRECTED OR DIRECTS OR DIRECTING OR R-
             OUTES OR ROUTED OR ROUTING OR DISPATCH??? OR RECEIV??? OR REC-
             EIPT???)
S4    2844640   SERVER? ? OR WEBSERVER? ? OR DEVICE? ? OR DRIVE OR DRIVES
S5    2550071   DISC? ? OR DISK? ? OR STORAGE OR MACHINE? ?
S6       4368   S2:S3(7N)S4:S5(7N)(DETERMIN? OR ASSESS? OR IDENTIFY??? OR -
             IDENTIFIED OR IDENTIFIES OR IDENTIFICATION OR ASCERTAIN? OR G-
             AUG??? OR EVALUAT? OR MEASUR? OR DISCERN? OR JUDG???)
S7      97837   TIME(2N)(PERIODS OR SPANS OR INTERVALS OR SEGMENTS OR SLIC-
             ES OR SLOTS) OR TIMESPANS OR TIMESLOTS
S8      20454   (MULTIPLE OR MULTIPLICITY OR SEVERAL OR PLURAL? OR DUAL? OR
              VARIOUS OR ANOTHER OR DIFFERENT OR SEPARATE OR SECOND? OR 2ND
              OR TWO OR PAIR OR THREE  OR THIRD)(3W)S7
S9        647   (PREDETERMIN? OR PRESET? OR PREESTABLISH? OR PREDEFIN? OR -
             PREARRANGED OR PRESCRIBED OR PRESELECTED)(3W)S7
S10      3521   ((PREVIOUSLY OR PRE)()(DETERMIN? OR SET???? OR ESTABLISH? -
             OR DEFIN? OR ARRANGED OR SELECTED) OR FIXED OR CERTAIN OR GIV-
             EN OR SPECIFIED OR SPECIFIC OR PARTICULAR)(3W)S7
S11    522902   S1(7N)(TIME OR TIMESTAMP OR TIMECODE)
S12         2   S6 AND S8:S10 AND S11
S13       881   S2:S3(7N)S4:S5(7N)(SELECT??? OR CHOOS??? OR CHOSEN OR PICK-
             ???)
S14         0   S13 AND S8:S10 AND S11
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12/5/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC

09547610 INSPEC Abstract Number: C2005-10-1290H-015
Title: Implementing fastest path algorithms in a decentralized traffic environment
Author(s): Uwekiencke, R.K.
Author Affiliation: Inst. of Ind. Inf. Technol., Karlsruhe Univ., Germany
Conference Title: 11th Mediterranean Conference on Control and Automation. Proceedings 2003 p.5 pp.
Publisher: Mediterranean Control Assoc, Rhodes, Greece
Publication Date: 2003 Country of Publication: Greece CD-ROM pp.
Material Identity Number: XX-2002-01403
Conference Title: Proceedings of 11th Mediterranean Conference on Control and Automation (MED2003)
Conference Sponsor: Eur. Union; Mediterranean Control Assoc.; EADS-3SIGMA S.A.; Nat. Tech. Univ. Athens; Tech. Univ. Crete
Conference Date: 18-20 June 2003 Conference Location: Rhodes, Greece
Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P); Theoretical (T)
Abstract: The numerous amount of existing route guidance systems (RGS) leads to increasing efforts to integrate these stand-alone tools into an overall solution, possessing the ability to process information of all the individual systems. Especially in the fields of intermodal services and in order to combine RGS of neighboured regions enhanced developments can be regarded. As representatives of intermodal services, i.e. calculating the best ways of certain origin-demand matrices with respect to the simultaneous use of different public transportation means (PTM) and individual transportation (IT), the European project Marco Polo can be named as well as the German projects Mobilist or Mobinet, mainly trying to implement shortest path models under a star topology with distributed information storage. Also, personal digital assistants (PDA) with integrated GPS module are currently available, thus being able to perform intermodal navigation within the vehicle as well as by the use of PTM and for pedestrians. Unfortunately, analysis of different path search algorithms is commonly done by comparing the amount of necessary instructions O(.) in possible net topologies. However, as computing power is in the meanwhile at a fairly high level, delay in a distributed environment can mainly be expected due to communication **time** . Dynamic calculations demand to transmit actual traffic conditions during **several time periods** , thus this paper examines the different **routing** strategies by **evaluating** the occurring **message transmission time** in common graph classes. It is shown that possessing a star topology (one central **server**) label-setting algorithms can be proved to be superior in regard to label-correcting algorithms. In addition, considerable improvements will be achieved by parallel message transfer for possible next link investigations. Here, the paper proposes solutions with a profit in delays by a factor of O'(n), where n denotes the number of nodes in a network. (12 Refs)
Subfile: C
Descriptors: graph theory; search problems; transportation
Identifiers: fastest path algorithms; decentralized traffic environment; route guidance systems; intermodal services; origin-demand matrices; public transportation means; individual transportation; Marco Polo; Mobilist; Mobinet; shortest path models; star topology; distributed information storage; personal digital assistants; intermodal navigation; path search algorithms; label-setting algorithms; label-correcting algorithms
Class Codes: C1290H (Systems theory applications in transportation); C1160 (Combinatorial mathematics); C1180 (Optimisation techniques)

12/5/2 (Item 1 from file: 95)
DIALOG(R)File 95:TEME-Technology & Management

01608510 20020202431

Method for the cost-effective evaluation of radar systems for airspace surveillance

Rombeck, HB; Vogg, T; Christensen, E; Schaefer, H; Wunder, M
SERCO, Bonn, D

GRS 2000, German Radar Symp., Proc., Berlin, D, 11-12 Oct, 20002000
Document type: Conference paper Language: English
Record type: Abstract

ABSTRACT:
The paper presents a new, innovative and cost-effective method developed to test radar systems for air space surveillance. It allows the simultaneous testing of several radar sensors all of which are connected to a communication PC. The data provided by each sensor such as range, azimuth, height, are furnished with highly accurate **time information** and transmitted to a central evaluation post via a serial **data** connection. Meteorological data are measured at **fixed time intervals** at ground level close to the respective radar sensor and fed into the overall data flow. When a measurement campaign is conducted, a target aircraft equipped with a DGPS receiver stores the DGPS data received during the flight such as position and time. Standardized flight profiles cover the area measured by the various radar sensors. The data recorded are then incorporated through a correlative process to the DGPS data measured by the target aircraft. As a next step, the normalised an automated evaluation process examines the relevant functional features and performance of the radar sensor.

DESCRIPTORS: AUTOMATED **MEASUREMENT** ; AIR TRAFFIC CONTROL; FUNCTIONAL TEST; **DEVICE** TESTING; AIR PRESSURE; **MEASURED DATA** ACQUISITION; **MEASURED DATA TRANSMISSION** ; **MEASURED DATA** PROCESSING; PRECIPITATION--ATMOSPHERE; MICROCOMPUTERS; HORIZONTAL MEASUREMENT; DOPPLER RADAR SENSORS; TEMPERATURE; ATMOSPHERIC WINDS

```
File 347:JAPIO Nov 1976-2005/Jul(Updated 051102)
         (c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200572
         (c) 2005  Thomson Derwent

Set      Items   Description
S1     5467844   PACKET? ? OR FRAME? ? OR DATAGRAM? ? OR MESSAGE? ? OR EMAIL
             OR MAIL OR DATA OR INFORMATION OR TRAFFIC OR CONTENT OR FLOW
S2      777890   S1(5N)(TRANSFER???? OR SEND??? OR SENT??? OR DELIVER??? OR
             UPLOAD??? OR TRANSMIT???? OR TRANSMISSION OR DISTRIBUT??? OR -
             CONVEY???)
S3      460886   S1(5N)(FORWARD??? OR DIRECTED OR DIRECTS OR DIRECTING OR R-
             OUTES OR ROUTED OR ROUTING OR DISPATCH??? OR RECEIV??? OR REC-
             EIPT???)
S4     6103739   SERVER? ? OR WEBSERVER? ? OR DEVICE? ? OR DRIVE OR DRIVES
S5     3430028   DISC? ? OR DISK? ? OR STORAGE OR MACHINE? ?
S6       15200   S2:S3(7N)S4:S5(7N)(SELECT??? OR CHOOS??? OR CHOSEN OR PICK-
             ???)
S7       41376   TIME(2N)(PERIODS OR SPANS OR INTERVALS OR SEGMENTS OR SLIC-
             ES OR SLOTS) OR TIMESPANS OR TIMESLOTS
S8        5043   (MULTIPLE OR MULTIPLICITY OR SEVERAL OR PLURAL? OR DUAL? OR
              VARIOUS OR ANOTHER OR DIFFERENT OR SEPARATE OR SECOND? OR 2ND
              OR TWO OR PAIR OR THREE  OR THIRD)(3W)S7
S9        4321   (PREDETERMIN? OR PRESET? OR PREESTABLISH? OR PREDEFIN? OR -
             PREARRANGED OR PRESCRIBED OR PRESELECTED)(3W)S7
S10       3956   ((PREVIOUSLY OR PRE)()(DETERMIN? OR SET???? OR ESTABLISH? -
             OR DEFIN? OR ARRANGED OR SELECTED) OR FIXED OR CERTAIN OR GIV-
             EN OR SPECIFIED OR SPECIFIC OR PARTICULAR)(3W)S7
S11     329605   S1(7N)(TIME OR TIMESTAMP OR TIMECODE)
S12         28   S6 AND S8:S10 AND S11
S13         15   S12 AND IC=(G06F OR H04L OR H04M OR H04N)
S14          6   S13 AND AC=US/PR AND AY=(1970:2002)/PR
S15          8   S13 AND AC=US AND AY=1970:2002
S16          8   S13 AND AC=US AND AY=(1970:2002)/PR
S17         13   S13 AND PY=1970:2002
S18         14   S14:S17
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18/5/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO

07110215 **Image available**
METHOD, SYSTEM AND APPARATUS FOR INFORMATION DELIVERY AND COMMUNICATION TERMINAL

PUB. NO.: 2001-337882 [JP 2001337882 A]
PUBLISHED: December 07, 2001 (**20011207**)
INVENTOR(s): KASAHARA MASAAKI
APPLICANT(s): SONY CORP
APPL. NO.: 2000-155331 [JP 2000155331]
FILED: May 25, 2000 (20000525)
INTL CLASS: **G06F-013/00** ; **G06F-012/00** ; **H04M-003/432** ; **H04M-003/487** ; **H04M-011/00**

ABSTRACT

PROBLEM TO BE SOLVED: To allow a user to accept delivery of **information** at the **time** beneficial to him.

SOLUTION: A mobile telephone terminal 3 sends DELIVERY REQUEST for music data to the content delivery server 2. The content delivery server 2, which received the DELIVERY REQUEST, estimates the time needed for delivery for each of the **fixed** periods of **time** , based on the past **traffic** records of communication lines and the **data** volume of the **information delivery** . Based on the estimated **delivery** times, the **server** selects, as the scheduled period of **time** , the period of **time** in which **information** can be **delivered** in the shortest **time** and notifies the period of time to the requester, mobile telephone terminal 3. The mobile telephone terminal 3 accepts **information** delivery at the **time** that conforms to the scheduled periods of time.

18/5/5 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

016376283 **Image available**
WPI Acc No: 2004-534190/200451
XRPX Acc No: N04-423028
Central server messaging system for communication system, has messaging software polling server at different time **to find presence of** message **and to increase delay between polling when no messages are waiting during polling**
Patent Assignee: SIMDESK TECHNOLOGIES INC (SIMD-N); BRASHER G (BRAS-I); KOUZNETSOV A (KOUZ-I)
Inventor: BRASHER G; KOUZNETSOV A
Number of Countries: 107 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200459447	A2	20040715	WO 2003US41266	A	20031224	200451 B
US 20040152450	A1	20040805	US 2002436235	P	20021224	200452
			US 2003746110	A	20031224	
AU 2003299900	A1	20040722	AU 2003299900	A	20031224	200476

Priority Applications (No Type Date): US 2002436235 P 20021224; US 2003746110 A 20031224
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200459447	A2	E	16	G06F-000/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ

CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ
NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA

UG US UZ VC VN YU ZA ZM ZW
Designated States (Regional): AT BE BG BW CH CY CZ DE DK EA EE ES FI FR
GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR
TZ UG ZM ZW
US 20040152450 A1 H04Q-007/20 Provisional application US 2002436235

AU 2003299900 A1 G06F-000/00 Based on patent WO 200459447

Abstract (Basic): WO 200459447 A2

NOVELTY - The system has messaging software application (50) for polling a **message** server (12) at **different time periods** to determine the presence of **messages** . A user computer (16) determines the polling interval between the **time** periods in response to **information** received from the server. The software increases the delay between polling when no messages are waiting when polling takes place.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a method of managing messages at a message server.

USE - Used in a communication system.

ADVANTAGE - The messaging software application increases the delay between the polling when no messages are waiting when polling takes place, thereby saving the server from being polled for individual messages, and also provides efficient use of **server** resources, and also enables timed- **delivery** of **messages** to **selected** computers or communication **devices** .

DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram of an Internet-based messaging system.

Messaging system (11)
Server (12)
Internet (14)
User computer (16)
Processor (40)
pp; 16 DwgNo 1/1

Title Terms: CENTRAL; SERVE; MESSAGING; SYSTEM; COMMUNICATE; SYSTEM; MESSAGING; SOFTWARE; POLL; SERVE; TIME; FINDER; PRESENCE; MESSAGE; INCREASE; DELAY; POLL; NO; MESSAGE; WAIT; POLL
Derwent Class: T01; W01
International Patent Class (Main): **G06F-000/00** ; H04Q-007/20
File Segment: EPI

18/5/8 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012251871 **Image available**
WPI Acc No: 1999-057978/ **199905**
Related WPI Acc No: 1999-057757
XRPX Acc No: N99-458032
Time **slot interface architecture for** data **communication system**
Patent Assignee: DAEWOO TELECOM LTD (DAEW-N)
Inventor: KIM J; KIM J P
Number of Countries: 002 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
KR 98007404	A	19980330	KR 9624059	A	19960626	199905	B
US 5966383	A	19991012	US 97882537	A	19970625	199954	
KR 208227	B1	19990715	KR 9624059	A	19960626	200066	

Priority Applications (No Type Date): KR 9624059 A 19960626; KR 9624060 A 19960626
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 98007404	A			H04M-011/00	
US 5966383	A		7	H04B-007/212	patent KR 98007404
KR 208227	B1			H04M-011/00	

Abstract (Basic): US 5966383 A

NOVELTY - A processor assigns each device with **time** slots. Processor transfers multiplexing **data** to each device into data frame (TXD) and demultiplexing data to **data frame** (RXD), based on the assigned **time** slot. **Time** slot **selection** signal is modified for each **device** in response to assignment **message** and **selection** signal is **sent** to interface module.

DETAILED DESCRIPTION - A bus is provided for transferring data between several devices which share the bus by time division multiplexing, where **time** is divided into time slots and **frame** is assembled with **specific** number of **time slots** .

USE - For data communication system for data transmission between processors and peripherals.

ADVANTAGE - Increases speed of data transmission between peripheral processes and each device up to the bus clock frequency.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram which illustrates time slot interface architecture.

Dwg.1/2

Title Terms: TIME; SLOT; INTERFACE; ARCHITECTURE; DATA; COMMUNICATE; SYSTEM

Derwent Class: V05; W01; W02

International Patent Class (Main): H04B-007/212; **H04M-011/00**

File Segment: EPI

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